

UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

SERVICE AND REGULATORY ANNOUNCEMENTS

LIST OF INTERCEPTED PLANT PESTS, 1946¹

(List of Pests Recorded During the Period July 1, 1945 to June 30, 1946, Inclusive, as Intercepted in, on, or with Plants and Plant Products Entering United States Territory)

INTRODUCTION

This report, covering the thirty-third year for which interception lists have been issued, summarizes the records of insect pests and plant pathogens found in, on, or with plants and plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate export or for immediate transportation and exportation in bond, and (5) in domestic shipments between Hawaii and Puerto Rico and the mainland.

In some cases collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list are obtained from routine reports by personnel of this Bureau, supplemented by information supplied by State and Customs officials. The States of California and Florida maintain staffs of specialists who determine a large proportion of the material collected at their ports. Specialists of the Bureau of Plant Industry, Soils, and Agricultural Engineering determine many of the difficult or unusual pathogens collected at the ports.

All scientific names are reviewed by appropriate specialists in the Department to see that they conform to the international rules of nomenclature.

While every reasonable effort is made to give the correct origin for all collections listed, the alleged origin of plant materials cannot be verified in all cases, and doubtful items are either omitted or the origin is listed as unknown. In that connection it should be pointed out that facts coming to attention since publication of the List of Intercepted Plant Pests for 1945 indicate that the citrus canker, reported from Australia, originated in some other citrus-growing region of the world.

The end of hostilities in Asia and the return home of many persons in military service during the year, tended to reduce the number of interceptions in service mail and baggage.

Aircraft arrivals during the year showed an increase, both because of the return of many military craft and the resumption of commercial air transport activities, but cooperation of air lines and service personnel in the enforcement of plant quarantine regulations kept the transportation of potentially dangerous plant material at a relatively low point.

INTERCEPTIONS FROM AIR-BORNE MATERIAL

Mail, baggage, express, and some freight arrive by airplane. Interceptions under those various categories have been frequent. Of the 3,314 recorded insect interceptions taken on air-borne material, 978 were from baggage, 1,072 from

¹ Compiled by W. H. Wheeler, pathologist, Judith Hunt, scientific aid, and E. P. Reagan, entomologist, Division of Foreign Plant Quarantines.

cargo, 25 from mail, 1,202 from quarters, and 37 from stores. Of the 236 plant disease interceptions, 77 were from baggage, 41 from express, 24 from cargo, 86 from mail, and 8 from quarters and stores. Approximately two-thirds of the plant disease organisms were not determined to species and, from the evidence, appeared to represent little or no risk to this country. A few of the disease organisms specifically determined but not recorded in the United States are, however, known to be important parasites of their hosts in foreign countries. These totals for plant disease interceptions, while not large, serve to illustrate the disease-carrying possibilities of plant materials brought to this country by air transportation.

Among the insects found in air-borne material were: The whitefly *Aleurothrixus myrtacei* on Cape-jasmine leaf in baggage from Guatemala and Mexico; the Mexican fruitfly (*Anastrepha ludens*) in orange in baggage from Guatemala, in orange in stores, and in mango, sapote, and sweet lime in baggage from Mexico; the West Indian fruitfly (*A. mombinpraeoptans*) in mango and *Spondias* sp. in baggage from Guatemala, in guava and mango in baggage from Puerto Rico, in mango in baggage from the American Virgin Islands, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Salvador, and the Virgin Islands, and in yellow mombin in baggage from Nicaragua; *A. mombinpraeoptans* (?) in yellow mombin in baggage from Salvador, and in mango in baggage from Guatemala, Honduras, and Nicaragua; *A. serpentina* in mamey and sapodilla in baggage from Nicaragua, and in sapodilla in baggage from Venezuela; *A. striata* (?) in guava in baggage from Honduras; *A. suspensa* in guava in quarters from the Dominican Republic, and in guava in baggage from Puerto Rico; the Mediterranean fruitfly (*Ceratitis capitata*) in avocado in stores from Hawaii, and a pupa of *Ceratitis* sp., probably *capitata*, on paper packing of grapes in baggage from the Azores; *Cylas formicarius elegantulus* in sweetpotato in baggage from Cuba, Jamaica, and Puerto Rico; the olive fly (*Dacus oleae*) in ripe olives in baggage from Italy, and processed olives in stores from Mexico; the East Indian bean pod borer (*Maruca testulalis*) in pigeonpea in baggage from Puerto Rico; the pink bollworm (*Pectinophora gossypiella*) in cotton and cotton boll in baggage from the Bahamas, in cottonseed in cargo from Brazil, and in baggage from Cuba and Egypt; also in seed cotton in service mail, origin unknown, and in okra in baggage from Puerto Rico; the apple maggot (*Rhagoletis pomonella*) (?) in apple in quarters from Mexico.

The more important plant disease organisms found on air-borne material, hitherto not believed to be in the United States, were *Cercospora primulae* on primrose in baggage from France, *Colletotrichum cajani* on pigeonpeas in baggage from the Dominican Republic and Puerto Rico, *Elsinoe phaseoli* on lima beans in baggage and cargo from Puerto Rico and the Virgin Islands, *Macrophoma oleandri* on oleander in baggage from Bermuda, *Phoma camelliae* on camellia in baggage from Switzerland, *Phyllosticta euphorbiaecola* on poinsettia in baggage from Mexico, *P. laeliae* on *Cattleya* orchid in express from Colombia, *Phyllosticta* sp. on oleander in baggage from the Virgin Islands, *Puccinia buxi* on boxwood in baggage from France, *Ramularia* sp. on lettuce in cargo from Cuba, *Uredo guacae* on orchid from Costa Rica, and *Valsa chlorina* on coconut from Guam.

NOTES ON INSECTS INTERCEPTED

FRUITFLIES

Anastrepha fraterculus was intercepted in grapefruit from Brazil and *A. fraterculus* (?) in orange from Brazil. The Mexican fruitfly (*A. ludens*) was taken in orange from Guatemala and Mexico, in mango from Mexico and Nicaragua, and in apple, avocado, grapefruit, guava, peach, pear, pomegranate, quince, sapote, sour orange, sweet lime, and white sapote from Mexico. Three pupae of *A. ludens* were found in an empty railway car from Mexico which had been carrying mangoes. The West Indian fruitfly (*A. mombinpraeoptans*) was intercepted in cashew and mango from Puerto Rico, and in mango from the American Virgin Islands, Cuba, Dominican Republic, Guatemala, Haiti, Jamaica, Mexico, Nicaragua, Salvador, and Virgin Islands, and *A. mombinpraeoptans* (?) in *Spondias mombin* from Mexico and Salvador. *A. serpentina* was intercepted in mamey from Mexico and Nicaragua, and in sapodilla from Nicaragua and Venezuela. *A. striata* was taken in guava from Honduras. *A. suspensa* was found in guava from the Dominican Republic and Puerto Rico. The Mediterranean fruitfly (*Ceratitis capitata*) was intercepted in avocado, sweet lime, and tomato from Hawaii; in grapefruit from India, Palestine (?), Spanish Morocco, Spain, Turkey (by purchase), Union of South Africa, and Uruguay; in lemon from Mozambique,

loquat from Algeria, orange from Algeria, Portugal and Spain, surinam cherry from Bermuda, and tangerine from Italy; and an adult was intercepted on an airplane from the South Pacific area. The melon fly (*Dacus cucurbitae*) was intercepted in avocado, cucumber, papaya, pepper, squash, and string bean from Hawaii. *D. dorsalis* (?) was taken in mango from Hawaii. The olive fly (*D. oleae*) was found in ripe olives from Italy and processed olives in stores of an airplane from Mexico. The apple maggot (*Rhagoletis pomonella*) was intercepted in *Crataegus* sp. and *R. pomonella* (?) in apple from Mexico. *R. striatella* was taken in husk tomato from Mexico.

INSECTS OTHER THAN FRUITFLIES

Aceria tulipae, an unusual species of the Eriophyid mite, was found on garlic from Mexico. The citrus blackfly (*Aleurocanthus woglumi*) was intercepted on mango and sour lime leaves from Mexico. *Aleurothrixus myrtacei* was taken on Cape-jasmine leaves from Guatemala and Mexico. *Aspidiotus corticis-pini* (Coccidae) was found on five-leaved pine from Japan. *Baris laticollis* (Curculionidae) was found in kale from the Azores and in turnip from England. Vetch from the Azores, Holland, and Portugal was infested with the bruchid (*Bruchus luteicornis*). The Asiatic rice borer (*Chilo simplex*) was taken in rice straw from China. *Cylas formicarius formicarius* was intercepted in sweetpotato, for use as animal feed, from India. The Tahitian coconut weevil (*Diocalandra taiensis*) was taken in coconut husk from Hawaii. *Epicaerus cognatus* (Curculionidae) was taken in potato from Mexico. *Gnorimoschema plaesiosema* (Gelechiidae) was found in potato from Chile. *Haplothrips cottei* was intercepted on carnation from Greece. *Leucinodes elegantalis* was taken in tomato from Mexico. *Myzus duffieldii* (Aphidae) was found on crocus bulb from the Netherlands. The pink bollworm (*Pectinophora gossypiella*) was intercepted in cottonseed from Brazil, China (?), Cuba, Egypt, Hawaii, Mexico, and in service mail, origin unknown; also in seed cotton from Mexico and in service mail, origin unknown; cotton boll from the Bahamas and Hawaii; cotton lint and gin motes from Argentina; and okra from Panama and Puerto Rico. *Parlatoria citri* (Coccidae) was found on pomelo from the Malay States and lime from New Guinea. The curculionid, *Phyllobius pyri*, was taken in roots of quack grass from Belgium. *Sinoxylon sexdentatum* (Bostrichidae), a European species introduced into the Mediterranean region, was taken from poles of an unidentified wood from Portugal. The West Indian sweetpotato weevil (*Euscepes postfasciatus*) was intercepted in sweetpotato from Brazil, Hawaii, Panama, Puerto Rico, and Venezuela.

NOTES ON PLANT DISEASES INTERCEPTED

The interception of a potato tuber smut (*Thecaphora solani*) on tubers of *Solanum stoloniferum* arriving from Mexico in baggage, considerably extends the northern range of this potentially serious potato disease, formerly reported only from northern South America. Also of real importance are several interceptions of citrus canker (*Xanthomonas citri*) on sour limes from Ceylon, India, Kenya, and the Philippines; on grapefruit from Ceylon and India; and on sweet orange from India. It is interesting to note that interceptions for the year from Ceylon and India exceeded the total of all such interceptions from those localities for all the former years during which records have been kept. Other diseases worthy of note were citrus black spot (*Phoma citricarpa*) on lemon and sweet orange from Australia; sweet orange scab (*Elsinoe australis*) on sour lime, lemon, and sweet orange from Argentina, Brazil, and Uruguay; spot anthracnose (*Elsinoe piri*) on apple from Spain; Dutch elm disease (*Ceratostomella ulmi*) on elm wood from England; a coffee leaf spot (*Cercospora herrerana*) on a coffee plant from Mexico; a rust disease of orchids (*Hemileia ocellidii*) from Brazil; a leaf spot (*Leptosphaeria azaleae*) of rhododendron from England; a leaf spot (*Mycosphaerella hondai*) of rice from Japan; a kernel smut (*Neovossia horrida*) of rice in soldier's mail from an unknown foreign source; a leaf blight (*Phyllosticta miurai*) of rice of uncertain origin but known to be from the Orient; and a rust disease (*Uredo anthuri*) of *Anthurium* from Guatemala.

Of the 373 species of pathogens or other organisms listed in the table, 56 were new to the interception files. Interceptions of the other 317 pathogens showed 137 new countries of origin and 82 new hosts. A fruit rot of tomatoes arriving from Mexico during the year has been described as new, under the name *Helminthosporium carposaprum*.

COMMON PESTS INTERCEPTED

During the course of inspection for pests new to or not widely distributed in this country cosmopolitan forms are found in large numbers. Some of these findings have been customarily recorded through the years to indicate the pest-carrying possibilities and condition of material offered for entry. The identification of such cosmopolitan organisms has also served to make sure new pests resembling common pests are not being overlooked. Such records as were made are summarized here. The first number following the name of a pest indicates the number of countries of origin, and the second, the total number of interceptions that were recorded during the year.

INSECTS

Insects intercepted 10 or more times, and recorded, included *Acanthoscelides obtectus* (10-30), *Ahasverus advena* (21-60), *Anthonomus eugenii* (2-1,569), *Aonidiella aurantii* (13-69), *Aphis gossypii* (8-15), *Araecerus fasciculatus* (16-33), *Aspidiotella cyanophylli* (8-22), *A. hederæ* (8-20), *A. lataniae* (21-83), *Carpocapsa pomonella* (7-177), *Cerataphis lataniae* (9-122), *Chrysomphalus aonidum* (24-111), *C. dictyospermi* (20-88), *Coccus acuminatus* (11-73), *C. hesperidum* (12-37), *Diaspis boisduvalii* (22-554), *D. bromeliae* (3-148), *Ephestia cautella* (8-12), *Etiella zinckenella* (4-27), *Gnorimoschema operculella* (11-44), *Heliothis armigera* (12-7,093), *H. virescens* (4-128), *Howardia biclavata* (9-23), *Keiferia lycopersicella* (3-5,462), *Laphygma exigua* (1-107), *L. frugiperda* (2-294), *Lasioderma serricorne* (12-36), *Lepidosaphes beekii* (42-305), *L. gloveri* (13-46), *Lorita abornana chatka* (1-38), *Macrosiphum luteum* (7-60), *Myzus persicae* (8-21), *M. porosus* (10-24), *Murgantia histrionica* (1-109), *Necrobia rufipes* (11-28), *Oryzaephilus surinamensis* (19-47), *Parlatoria pergandii* (20-71), *P. proteus* (7-21), *Pinnaspis aspidistrae* (5-13), *P. minor* (5-23), *Plodia interpunctella* (11-36), *Plutella maculipennis* (8-80), *Pseudococcus adonidum* (19-86), *P. brevipes* (10-150), *P. citri* (9-24), *P. maritimus* (5-11), *Pseudoparlatoria parlatorioides* (8-35), *Rhizoglyphus echinopus* (24-154), *Rhizopertha dominica* (7-19), *Saissetia hemisphaerica* (22-129), *S. nigra* (6-11), *S. oleae* (8-34), *Selenaspidus articulatus* (16-77), *Sitophilus oryzae* (26-62), *Stegobium paniceum* (8-10), *Sterictiphora zabriskiei* (1-828), *Tenebroides mauritanicus* (11-19), *Thrips tabaci* (8-30), *Tribolium castaneum* (20-40), *Typhaea stercorea* (15-43).

In addition, there were 1,852 interceptions belonging to 659 species which were not deemed to be of sufficient importance from the plant-quarantine viewpoint to warrant listing by species. The number of interceptions of more or less cosmopolitan species totaled 21,139.

DISEASES

Common plant pathogens reported 10 or more times during the year included *Actinomyces scabies* (14-154), *Alternaria porri* (1-36), *A. solani* (2-31), *A. tomato* (2-1,009), *Aplanobacter michiganense* (1-12), *Aspergillus niger* (13-311), *Bacterium marginatum* (8-349), *B. vesicatorium* (2-2,099), *Botrytis allii* (2-17), *B. cinerea* (8-18), *B. narcissicola* (5-42), *B. tulipae* (1-10), *Cercospora beticola* (1-14), *C. rosicola* (5-63), *Cladosporium fulvum* (3-56), *Colletotrichum circinans* (1-428), *C. gloeosporioides* (11-137), *C. lindemuthianum* (4-15), *C. orchidearum* (12-95), *C. phomoides* (2-15), *Cylindrosporium chrysanthemi* (1-61), *Diaporthe citri* (19-55), *Diplocarpon rosae* (2-19), *Diplodia natalensis* (18-65), *Endoconidiophora paradoxa* (7-74), *Erwinia caratovora* (5-42), *Erysiphe polygoni* (1-22), *Fusarium solani* (1-54), *Gloeosporium limeticolum* (7-42), *Helminthosporium allii* (4-1,198), *Heterodera marioni* (9-18), *Heterosporium echinulatum* (6-48), *Lethum australiense typicum* (1-249), *Marmor tabaci vulgare* (1-401), *Oospora citri-aurantii* (3-24), *O. lactis parasitica* (1-30), *Pellicularia filamentosa* (5-450), *Penicillium digitatum* (1-78), *P. expansum* (9-19), *P. gladioli* (3-70), *P. italicum* (8-26), *Phoma destructiva* (5-73), *Phytophthora parasitica* (2-39), *Puccinia chrysanthemi* (1-34), *P. graminis* (19-123), *P. rubigo-vera* (12-29), *Pythium debaryanum* (1-31), *Rhizopus nigricans* (15-1,456), *Sclerotinia sclerotiorum* (6-18), *Sclerotium oryzae* (4-39), *Septoria gladioli* (3-156), *Sphaceloma fawcetti* (18-66), *Sphaerotheca pannosa* (3-20), *Spondyloclocium atrovirens* (6-11), *Stromatinia gladioli* (5-112), *Tilletia caries* (1-57), *Trichothecium roseum* (9-46), *Uromyces caryophyllinus* (3-31), *Venturia inaequalis* (17-49), *Verticillium cinnabarinum* (10-33).

Interceptions of 80 other common pathogens totaled 219, making 10,598 interceptions of common diseases recorded during the year.

INCOMPLETELY DETERMINED PESTS

Frequently inspectors find insects or pathogens affecting plant material, in such a stage or condition that complete and accurate determination is impracticable or impossible. Some of these insects and pathogens are without doubt new to science, and may be destructive pests. The notes below are given to show the general nature of such incompletely determined interceptions.

INSECTS

Among the incompletely determined insects intercepted were the following: *Anastrepha* sp., probably *fraterculus*, taken at New York in grapefruit in stores from Argentina, and at New York and Philadelphia in orange in stores from Brazil; *Anastrepha* sp., probably *ludens*, taken at Eagle Pass in mango in baggage from Mexico, at El Paso in orange in baggage from Mexico, and at Brownsville in sapote in quarters from Mexico; *Anastrepha* sp., probably *mombinpraeoptans*, at El Paso in mango in baggage from Nicaragua and Salvador, at New Orleans in mango in baggage from Guatemala, and in mango in quarters from Mexico, at New York in mango in mail from Puerto Rico, at Philadelphia in mango in baggage from Puerto Rico, at New Orleans in yellow mombin in baggage from Salvador, and at El Paso in yellow mombin in baggage from Mexico; *Anastrepha* sp., probably *serpentina*, at Laredo in mamey in baggage from Mexico; *Anastrepha* sp. at Baltimore, Galveston, New Orleans, New York, and Philadelphia in oranges in stores from Brazil, at Miami in cactus in baggage from Colombia, in *Castilla elastica* in baggage from Nicaragua, in cherimoya in baggage from Ecuador, in *Couma macrocarpa* in baggage from Brazil, in rose apple in baggage from Cuba, in mango in baggage from Salvador, in sapodilla in baggage from Cuba, and in quarters from Venezuela, at Norfolk in mango in stores from Panama, at New Orleans in orange in quarters from Brazil, and in plum in baggage from Nicaragua, and at New York in orange in stores from Argentina; apparently *Anastrepha* sp. at Miami in apple in baggage from Colombia; *Ceratitis* sp., probably *capitata*, at Baltimore in orange in stores from Portugal, at Newport News in tangerine in stores from Spain, at New York in loquat in baggage from Algeria, and with paper packing of grapes in baggage from the Azores; *Dacus* sp., probably *oleae*, at San Antonio in processed olives in stores from Mexico; *Dacus* sp. at San Francisco in eggplant in stores from Straits Settlements; and probably *Dacus* sp. at Boston in squash in stores from Queensland and South Africa; *Rhagoletis* sp. at Laredo in *Crataegus* sp. and green walnut in baggage from Mexico, at Douglas in black walnut in quarters from Mexico, at El Paso in black walnut, wild currant, and *Lycium torreyi* in baggage from Mexico, at Miami in apple in quarters from Brazil, and at Brownsville in apple in baggage from Mexico.

The following miscellaneous insects of special interest were intercepted: *Acanthoscelides* sp., near *stylifer* (Sharp), was taken at Brownsville in the cabin of an airplane from Mexico; *Aleuroplatus* sp., close to *berbericolus* Q. & B. (Aleyrodidae), at Laredo on *Mahonia trifoliolata* in mail from Mexico; two apparently undescribed aleyrodids (*Aleurocanthus* sp.) at San Diego on unknown leaf and twig in baggage from Australia, and (*Aleurotrachelus* sp.) at San Francisco on *Anthurium* sp. in express from Guatemala and at Laredo on *Laelia anceps* from Mexico; an undescribed aleyrodid (*Aleurocerus* sp.) at San Francisco on *Epidendrum cochleatum* in cargo from Guatemala; *Allochorhynchus* sp. (Curculionidae) at Hidalgo on cycad plant in baggage from Mexico; *Amphimallon* sp., apparently *majalis* (Razoumowsky) (Scarabaeidae), at Galveston in ballast from Italy; *Baris* sp., near *cuprirostris* (F.) (Curculionidae) at Philadelphia in kale in stores from the Azores; *Cligenes* n. sp. (Lygaeidae) at Seattle on *Cattleya* sp. in express from Venezuela; *Coptotermes* sp. (Rhinotermitidae), a very destructive termite, at Boston in African mahogany log in cargo from the Gold Coast, at Hoboken on *Cattleya* sp. in cargo from Venezuela, and at New York in *Jacaranda* sp. log in cargo from the Gold Coast; *Cryptoblades* sp., probably *gnidiella* (Mill.) (Phycitidae), at New York in date in baggage from Palestine; *Decapheidole* sp. (Formicidae), a very rare ant, at San Francisco on *Cattleya* sp. in express from Colombia; *Grapholitha* sp., probably *packardii* Zell. (Olethreutidae), at El Paso in quince in baggage from Mexico; *Leucinodes* sp., probably *obornalis* Gn. (Pyraustidae), at Charleston in eggplant in stores from Ceylon, and at San Francisco in eggplant in stores from the Straits Settlements; an undescribed species of *Paraleurolobus* sp. (Aleyrodidae) at El Paso on palm in baggage from Mexico; an undescribed species of *Phenacoccus* sp. (Coccidae) at Hoboken on succulent plant in mail from

Mexico; *Pineus* sp. (Chermidae), apparently different from any species known in North America, at San Diego and San Francisco on pine in baggage from Japan; an undescribed species of *Platylecanium* sp. (Coccidae) at San Francisco on orchid in mail from New Guinea; *Rhyssomatus* sp. (Curculionidae) at Galveston in sweetpotato in stores from Panama, at Mobile in sweetpotato in stores from the Canal Zone, and at New Orleans in *Pithecellobium arboreum* in mail from British Honduras; probably an unnamed species of *Xanthomia* sp. (Chrysomelidae) at Laredo on orchid plant in baggage from Mexico.

There were 4,989 interceptions, distributed among 855 genera, which could be identified to genus only. A total of 883 could be determined to family only.

A total of 5,872 incompletely determined insects were intercepted during the year.

DISEASES

Among the incompletely determined plant disease organisms collected from incoming material during the year were *Ceratostomella* sp. on narcissus bulbs from England, Ireland, Luxemburg, and the Netherlands; *Cercospora* sp. on string bean from Belgium; *Colletotrichum*, possibly *anthurii*, on anthurium from Guatemala; *Coniothyrium* sp. on rice straw from Japan; *Helminthosporium* sp. on husk tomato from Mexico; *Macrophoma* sp. on mesquite pods from Mexico; *Pestalotia* sp. on avocado and guava from Mexico; *Phoma* sp. on lemon from Argentina and Chile; *Phoma* sp. on sweet orange from China and Turkey; *Phoma* sp. on avocado from Brazil and Mexico; *Phyllosticta* sp. on gladiolus from Mexico; *Phyllosticta* sp. on rice from China; *Phyllosticta* sp. on wheat from France; *Phytophthora* sp. on lemon from Australia; *Pleospora* sp. on *Mesembryanthemum* sp. in ballast from Algeria; *Ramularia* sp. on lettuce from Cuba; and *Septoria* sp. on lime from Algeria.

A total of 5,602 incompletely determined pathogens were recorded during the year.

Geographic summary of interceptions listed in main table and interception totals

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe:		
Algeria.....	7	0	Azores.....	4	1
East Africa.....	1	0	Belgium.....	17	8
Egypt.....	3	0	England.....	62	25
Ethiopia.....	0	2	Europe.....	0	1
Gold Coast.....	5	0	France.....	8	5
Kenya Colony.....	1	1	Germany.....	1	1
Morocco.....	5	0	Greece.....	1	0
Mozambique.....	4	0	Ireland.....	3	0
Tunisia.....	1	0	Italy.....	14	1
Union of South Africa.....	5	1	Luxemburg.....	0	1
Asia:			Netherlands.....	67	90
Asia.....	1	0	Norway.....	2	0
China.....	11	5	Portugal.....	13	2
India.....	31	14	Scotland.....	8	1
Japan.....	19	7	Spain.....	4	2
Malasia.....	1	1	Sweden.....	1	1
Orient.....	2	0	Switzerland.....	1	1
Palestine.....	2	0	Turkey.....	1	0
Australasia:			Yugoslavia.....	2	0
Admiralty Islands.....	2	0	North America:		
Australia.....	2	20	Bermuda.....	4	2
Ceylon.....	1	2	Canada.....	4	6
Dutch East Indies.....	0	1	British Columbia.....	6	7
Eniwetok Island.....	2	0	Ontario.....	2	0
Guam.....	2	1	Central America:		
Hawaii.....	122	2	British Honduras.....	1	0
Marquesas Islands.....	2	0	Canal Zone.....	43	4
Marshall Islands.....	1	1	Costa Rica.....	40	12
New Guinea.....	4	2	Guatemala.....	66	34
New Hebrides.....	1	1	Honduras.....	5	1
New Zealand.....	1	2	Nicaragua.....	17	0
Okinawa.....	1	2	Panama.....	28	5
Palau Islands.....	1	0	Salvador.....	11	0
Philippines.....	30	7	Greenland.....	1	0
Samoa.....	0	1	Mexico.....	1,474	360
South Pacific.....	11	2	Newfoundland.....	0	1
Ulithi Island.....	1	1			

Geographic summary of interceptions listed in main table and interception totals—
Continued

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
North America—Continued			South America—Continued		
West Indies	1	0	Ecuador	1	2
American Virgin Is-			Paraguay	3	1
lands	3	1	Peru	7	2
Antigua	2	0	Uruguay	2	4
Aruba	1	0	Venezuela	126	10
Bahamas	10	1			
Barbados	5	0	Total:		
Cuba	91	8	Africa	32	4
Curacao	5	0	Asia	67	30
Dominican Republic	18	9	Australasia	184	45
Grenada	3	0	Europe	209	142
Guadeloupe	0	1	North America	1,979	465
Haiti	8	0	South America	267	47
Jamaica	28	1	Unknown	47	15
Martinique	0	1			
Puerto Rico	85	8	Total	2,785	748
St. Lucia	0	1			
St. Vincent	3	0	Total (common pests,		
Trinidad	9	1	p. 4)	21,139	10,604
Virgin Islands	5	1	Total (incompletely de-		
South America:			termined pests, p. 6)	5,872	5,602
Argentina	7	5	Total insect intercep-		
Brazil	44	10	tions	29,796	
British Guiana	2	0	Total disease intercep-		
Chile	3	4	tions		16,954
Colombia	71	9	Grand total		46,750
Dutch Guiana	1	0			

NOTE.—In addition to the countries named above, interceptions were made from Angola, Arabia, Belgian Congo, Bikini Atoll, Bolivia, Burma, Canary Islands, Cyprus, Czechoslovakia, Denmark, Dutch West Indies, Fiji Islands, Finland, Gibraltar, Gilbert Islands, Grand Cayman, Guadalcanal, Guensey Island, Iran, Iwo Jima, Johnston Island, Leeward Islands, Liberia, Madeira Islands, Marianas, New Caledonia, Nigeria, North Ireland, Oceania, Pretoria, St. Eustatius, Saipan, Sierra Leone, Solomon Islands, Syria, Tahiti, Tanganyika, Tarawa, Tasmania, Tinian Island, Union of Soviet Socialist Republics, and Wales.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,
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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Acanthoderes circumflexa</i> Jacq.—Duv. (Cerambycidae):					
<i>Cybistax donnell-smithii</i> (primavera)	Guatemala	1			N. Y.
<i>Acanthoscelides armitagei</i> (Pic) (Bruchidae):	Canal Zone, Puerto Rico, Trinidad.	2		1	N. Y.
<i>Cajanus cajan</i> (pigeonpea)					
<i>Acanthoscelides ceratioborus</i> (Philippi) (Bruchidae):	Chile	1			La.
<i>Prosopis</i> sp.					
<i>Acanthoscelides obvelatus</i> Bridw. (Bruchidae):	Guatemala			1	Tex.
Bean	Mexico			1	D. C.
<i>Phaseolus</i> sp.					
<i>Acanthoscelides sallaei</i> Sharp (?) (Bruchidae):	Nicaragua			1	La.
<i>Acacia farnesiana</i> (sweet acacia)					
<i>Aceratagallia gillettei</i> (O. & B.) (Cicadellidae):	Mexico	2			Ariz.
<i>Lactuca sativa</i> (lettuce)					
<i>Aceria tulipae</i> (K.) (Eriophyidae):	do	1			Tex.
<i>Allium sativum</i> (garlic)					
<i>Acroleucus vicinialis</i> Dist. (Lygaeidae):	do			2	Tex.
<i>Laelia anceps</i> (orchid)					
<i>Adelphocoris lineolatus</i> (Goeze) (Miridae):	Italy	1			Tex.
Sand ballast					

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<i>Agallissus lepturoides</i> Chevr. (Cerambycidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Aganactesis indecora</i> Dyar (Galleriidae):					
<i>Cassia fistula</i> (goldenshower senna)	Trinidad	1			Fla.*
<i>Agilus sulcatulus</i> Chev. (Buprestidae):					
Stem	Mexico	1			Ariz.
<i>Agriotes lineatus</i> L. (Elateridae):					
Soil around rhododendron	England			1	N. J.
<i>Agromyza virens</i> Loew (Agromyzidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	4			Ariz.
<i>Phaseolus</i> sp. (string bean)	Canal Zone, Panama		3		Ariz., Tex.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Aleurocanthus woglumi</i> Ashby (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	do.	47			Ariz., Tex.
<i>Citrus</i> sp.	do.	1			Ariz.
<i>Mangifera indica</i> (mango)	do.	2	1		Ariz.
<i>Aleurolobus olivinus</i> (Silvestri) (?) (Aleyrodidae):					
<i>Olea</i> sp.	Morocco			1	D. C.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
<i>Arum</i>	Dutch Guiana	1			Fla.*
<i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Tex.
<i>Aleurothrixus myrtacei</i> Bondar (Aleyrodidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Guatemala, Mexico, Venezuela.	6			Fla.,* Tex.
<i>Aleurotrachelus trachoides</i> (Back) (Aleyrodidae):					
Palm	Mexico	1			Tex.
<i>Aleyrodites brassicae</i> Walker (?) (Aleyrodidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England, Scotland		2		N. Y., Pa.
<i>Algarobius prosopis</i> (Lec.) (Bruchidae):					
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Tex.
<i>Allantus cinctus</i> (L.) (Tenthredinidae):					
<i>Rosa</i> sp.	Netherlands			13	N. J.
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	24			Tex.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Dahlia</i> sp.	do.	1			Tex.
<i>Lilium longiflorum</i> (Easter lily)	do.	2			La., Tex.
<i>Amphicerus cornutus</i> (Pallas) (Bostrichidae):					
Bamboo	Mexico, soldier's mail	3			Minn., Tex.
<i>Oryza sativa</i> (rice)	Philippines	1			Calif.*
<i>Prosopis</i> sp. (mesquite)	Mexico	1			Ariz.
Wood	Mexico, Venezuela	2		1	Ariz., Calif.,* N. J.
<i>Anacentrinus deplanatus</i> (Csy.) (Curculionidae):					
Cane	Mexico	1			Tex.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
<i>Cattleya gaskelliana</i> (orchid)	Venezuela			1	Calif.*
<i>Cattleya mossiae</i>	do.			1	Calif.*
<i>Cattleya peruvianana</i>	do.			1	Calif.*
<i>Cattleya</i> sp.	England, Venezuela			3	Calif.,* N. J.
<i>Cymbidium</i> sp. (orchid)	England, Ireland (?)			3	Calif.,* N. J.
<i>Cypripedium longifolium</i> (orchid)	Costa Rica			1	Calif.*
<i>Cypripedium</i> sp. (orchid)	England			1	Calif.*
<i>Lycaste skinneri</i> (orchid)	Guatemala			1	Calif.*
<i>Odontioda</i> sp. (orchid)	England			1	N. J.
<i>Odontoglossum</i> sp. (orchid)	do.			3	Calif.,* N. J.
Orchid	Costa Rica, Mexico	1		4	Ariz., Calif.,* Tex.
<i>Anaphothrips orchidii</i> (Mlt.) (Thripidae):					
<i>Cypripedium</i> sp. (orchid)	England			1	Calif.*
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	Brazil			1	N. Y.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus sinensis</i> (orange)	do.			3	La., Mass.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Casimiroa edulis</i> (white sapote)	Mexico	3			Tex.
<i>Citrus aurantifolia</i> (sweet lime)	do.	10			Tex.
<i>Citrus aurantium</i> (sour orange)	do.	3			Tex.

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		Consumption	Nonentry	Propagation	
<i>Anastrepha ludens</i> —Continued					
<i>Citrus paradisi</i> (grapefruit).....	Mexico.....	17	1		Tex.
<i>Citrus reticulata</i> (tangerine).....	do.....	1			Tex.
<i>Citrus sinensis</i> (orange).....	Guatemala, Mexico.....	97	3		Fla.,* La., Tex.
<i>Cydonia oblonga</i> (quince).....	Mexico.....	4			Tex.
Empty box car.....	do.....		1		Ariz.
<i>Malus sylvestris</i> (apple).....	do.....	6			Tex.
<i>Mangifera indica</i> (mango).....	Mexico, Nicaragua.....	44	4		Ariz., La., Tex.
<i>Persea americana</i> (avocado).....	Mexico.....	13	1		Ariz., Tex.
<i>Prunus persica</i> (peach).....	do.....	3			Tex.
<i>Psidium guajava</i> (guava).....	do.....	1			Tex.
<i>Punica granatum</i> (pomegranate).....	do.....	2			Tex.
<i>Pyrus communis</i> (pear).....	do.....	12			Tex.
Sapote.....	do.....	1			Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Anacardium occidentale</i> (cashew).....	Puerto Rico.....	1			Pa.
<i>Mangifera indica</i> (mango).....	American Virgin Islands, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Puerto Rico, Salvador, Virgin Islands.	30	6		Calif.,* Fla.,* La., Md., N. Y., Pa., P. R., S. C., Tex.
<i>Prunus domestica</i> (plum).....	Mexico.....	1			Tex.
<i>Psidium guajava</i> (guava).....	Puerto Rico.....	1			Fla.*
<i>Spondias mombin</i> (yellow mombin).....	Nicaragua.....	1			Tex.
<i>Spondias</i> sp. (mombin).....	Guatemala.....	2			La.
<i>Anastrepha mombinpraeoptans</i> Sein (?) (Tephritidae):					
<i>Mangifera indica</i> (mango).....	Guatemala, Honduras, Nicaragua, Puerto Rico.	5			La., N. Y., Pa., Tex.
<i>Spondias mombin</i> (yellow mombin).....	Salvador.....	1			La.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla).....	Nicaragua, Venezuela.....	2			Calif.,* Fla.
<i>Mammea americana</i> (mamey).....	Mexico, Nicaragua.....	5	1		Calif.,* Tex.
<i>Anastrepha striata</i> Schin. (?) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Honduras.....	1			La.
<i>Anastrepha suspensa</i> (Loew) (Tephritidae):					
<i>Psidium guajava</i> (guava).....	Dominican Republic, Puerto Rico.	3	1		Fla.,* N. Y.
<i>Anchonomoma xeraula</i> Meyrick (Oecophoridae):					
<i>Triticum aestivum</i> (wheat).....	China.....	1			Fla.*
<i>Ancylostoma stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea).....	American Virgin Islands, Dominican Republic.	3			N. Y., P. R.
<i>Anelaphus spurcus</i> (Lec.) (Cerambycidae):					
Cactus.....	Mexico.....			1	Tex.
<i>Anomala dubia</i> (Scop.) (Scarabaeidae):					
Grass.....	Italy.....	1			La
<i>Anuraphis apifolia</i> Theob. (Aphidae):					
<i>Apium graveolens</i> (celery).....	Egypt, Mozambique, Uruguay.		3		Md., Mass., Pa.
<i>Anuraphis helichrysi</i> (Kalt.) (Aphidae):					
<i>Cymbidium finlaysonianum</i> (orchid).....	Philippines.....			1	Calif.*
<i>Dianthus</i> sp. (carnation).....	Mexico.....	1			Tex.
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....		1		Tex.
<i>Gypsophila paniculata</i> (babysbreath).....	do.....		1		Tex.
Mixed flowers.....	do.....	1			Tex.
<i>Aonidiella citrina</i> (Coq.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	1			Tex.
Unidentified leaf.....	do.....		1		Tex.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Admiralty Island, South Pacific.	2			Calif.*
<i>Jasminum sambac</i> (Arabian jasmine).....	Hawaii.....			1	Calif.*
<i>Aonidiella maleti</i> Vayss. (Coccidae):					
<i>Olea europaea</i> (olive).....	Morocco.....	1			D. C.

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<i>Aphetea inconspicua</i> Fowl. (Membracidae):					
Orchid	Mexico			1	Tex.
<i>Aphis medicaginis</i> Koch (Aphidae):					
<i>Lilium longiflorum</i> (Easter lily)	Bermuda	1			N. Y.
<i>Polianthes tuberosa</i> (tuberose)	Mexico	2			Tex.
<i>Aphis nerii</i> Fonsc. (Aphidae):					
<i>Nerium oleander</i> (oleander)	Bahamas, Cuba	1	1		Fla.*
<i>Apion pisi</i> F. (Curculionidae):					
Sand ballast	Italy	1			Ala.
<i>Argyresthia conjugella</i> Zell. (Hyponomeutidae):					
<i>Sortus</i> sp. (mountain ash)	Scotland	1			N. Y.
<i>Arctius albopunctatus</i> (Deg.) (Pentatomidae):					
<i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Cucurbita marima</i> (squash)	do.	1			Ariz.
<i>Aspidiotus corticis-pini</i> Lindgr. (Coccidae):					
<i>Pinus</i> sp. (five-leaved pine)	Japan	1			Mass.
<i>Aspidiotus destructor</i> Sign. (Coccidae):					
<i>Annona muricata</i> (soursop)	Cuba	1			Fla.*
<i>Annona squamosa</i> (sugarapple)	do.	1			Fla.*
<i>Cocos nucifera</i> (coconut)	Canal Zone, Colombia, Costa Rica, Guam, Guatemala, Marquesas Islands, Philippines, South Pacific.	3	4	2	Calif.,* Tex.
<i>Mangifera indica</i> (mango)	Argentina, Panama	1	1		Fla.,* N. Y.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Puerto Rico	2			Fla.,* S. C.
Palm	Cuba	3			Calif.,* Fla.*
<i>Aspidiotus diffinis</i> (Newst.) (Coccidae):					
<i>Mammea americana</i> (mamey)	Colombia	1			Fla.*
<i>Aspidiotus excisus</i> Green (Coccidae):					
<i>Cocos nucifera</i> (coconut)	South Pacific	1			Calif.*
<i>Aspidiotus herculeanus</i> Ckll. & Hadd. (Coccidae):					
<i>Annona</i> sp.	Puerto Rico	1			Fla.*
<i>Artocarpus altilis</i> (breadfruit)	do.		1		N. J.
Crassulaceae	Mexico		1		N. J.
<i>Spondias mombin</i> (jobo)	Puerto Rico	1			Fla.*
<i>Spondias</i> sp.	Jamaica	1			Fla.*
<i>Theobroma cacao</i> (cacao)	New Hebrides	1			Fla.*
Unidentified leaf and bark	Puerto Rico	1			Fla.*
<i>Aspidiotus mendax</i> (McKenzie) (Coccidae):					
<i>Epidendrum pentotii</i> (orchid)	Guatemala			1	Calif.*
<i>Aspidiotus palmarum</i> Ckll. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Costa Rica		1		Calif.*
<i>Grammatophyllum wallisii</i> (orchid)	Philippines			1	Calif.*
<i>Musa paradisiaca sapientum</i> (banana)	Guatemala	1			Calif.*
Palm	Colombia			1	Calif.*
Unidentified leaf	New Guinea	1			Calif.*
<i>Aspidiotus spinosus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1		1	Calif.*
<i>Mammea americana</i> (mamey)	Panama	1			Fla.*
<i>Monstera deliciosa</i> (ceriman)	Bermuda	1			N. Y.
<i>Asterolecanium bambusae</i> (Bdv.) (Coccidae):					
Bamboo	Cuba, Hawaii	2			Calif.,* Fla.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae):					
Bromeliad	Guatemala			1	N. J.
<i>Broughtonia</i> sp. (orchid)	Jamaica			1	N. J.
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>Cattleya granulosa</i>	Brazil			1	N. J.
<i>Cattleya trianae</i>	Colombia			1	Calif.*
<i>Cattleya</i> sp.	Brazil, Venezuela			2	N. J.
<i>Cypripedium longifolium</i> (orchid)	Canal Zone, Guatemala			3	Tex.
<i>Cypripedium</i> sp.	Canal Zone			1	Tex.
<i>Epidendrum odoratissimum</i> (orchid)	Brazil			1	N. J.
<i>Oncidium</i> sp. (orchid)	Costa Rica			1	N. J.
Orchid	do.			1	Tex.
<i>Asterolecanium pseudomiliaris</i> Green (Coccidae):					
Grass	Puerto Rico		1		Pa.

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<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae):					
<i>Achras zapota</i> (sapodilla)	Bahamas	1			Fla.
<i>Annona cherimola</i> (cherimoya)	Puerto Rico	1			Fla.*
<i>Annona squamosa</i> (sugarapple)	Virgin Islands	1			Fla.*
<i>Epidendrum</i> sp. (orchid)	Nicaragua			1	Calif.*
<i>Hibiscus</i> sp.	Hawaii			1	Calif.*
<i>Nerium oleander</i> (oleander)	American Virgin Islands			1	P. R.
<i>Atheas fuscipes</i> Champ. (Tingidae):					
<i>Gладиолус</i> sp.	Mexico	1			La.
<i>Atheas nigricornis</i> Champ. (Tingidae):					
<i>Rosa</i> sp.	do.	1			Tex.
<i>Attelabus corvinus</i> Gyll. (Curculionidae):					
<i>Oncidium</i> sp. (orchid)	do.			1	Tex.
<i>Aulacaspis mangiferae</i> (Newst.) (Coccidae):					
<i>Mangifera indica</i> (mango)	Trinidad, Venezuela	5			Fla.*
<i>Aulonium bidentatum</i> (F.) (Colydiidae):					
<i>Cybistax donnell-smithi</i> (primavera)	Guatemala	1			Calif.*
<i>Baralhra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Belgium, Brazil, Netherlands.		3		Md., N. Y.
<i>Baris laticollis</i> Marsh. (Curculionidae):					
<i>Brassica oleracea acephala</i> (kale)	Azores		1		Pa.
<i>Brassica rapa</i> (turnip)	England		1		N. Y.
<i>Barypetthes araneiformis</i> Schrank (Curculionidae):					
Moss packing around dahlia	do.			1	N. J.
<i>Battus philenor</i> (L.) (Papilionidae):					
Wood	Mexico	1			Ariz.
<i>Bemisia inconspicua</i> (Q.) (Aleyrodidae):					
Unidentified leaf	Puerto Rico	1			Fla.*
<i>Bitoma brevipes</i> (Sharp) (Colydiidae):					
<i>Allium sativum</i> (garlic)	Mexico	1			Ariz.
<i>Bitoma unicolor</i> Guer. (?) (Colydiidae):					
<i>Cordia gerascanthus</i>	Cuba	1			N. Y.
<i>Blissus richardsoni</i> Drake (Lygaeidae):					
<i>Vitis</i> sp. (grape)	Argentina	1			La.
<i>Bonchis munitalis</i> (Led.) (Chrysaugidae):					
<i>Parmentiera edulis</i> (food candletree)	Mexico			1	Tex.
<i>Brachyrhinus rugifrons</i> (Gyll.) (Curculionidae):					
Soil around shamrock	Ireland	1			N. Y.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae):					
<i>Primula</i> sp. (primrose)	British Columbia			1	Oreg.
<i>Brachyrhinus sulcatus</i> (F.) (Curculionidae):					
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Brentus anchorago</i> (L.) (Brentidae):					
<i>Cybistax donnell-smithi</i> (primavera)	Guatemala	2			Calif.,* N. Y.
Hardwood log	Mexico	1			Calif.*
<i>Swietenia</i> 1 <i>ahagoni</i> (mahogany)	do.	1			Wash.
<i>Brentus mexicanus</i> Boh. (Brentidae):					
<i>Cybistax donnell-smithi</i> (primavera)	Guatemala	1			Calif.*
Hardwood log	Mexico	2			Calif.*
<i>Bruchidius villosus</i> (F.) (Bruchidae):					
<i>Cytisus</i> sp. (broom)	England			1	N. J.
<i>Bruchus guttalis</i> Rey (?) (Bruchidae):					
<i>Vicia</i> sp. (vetch)	Germany	1			Mass.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia</i> sp. (vetch)	Azores, Netherlands, Portugal.	2	1		N. Y., Pa., Tex.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
<i>Lathyrus sativus</i> (grass peavine)	Italy	1			La.
<i>Callidium rufipenne</i> Motsch. (Cerambycidae):					
<i>Oryza sativa</i> (rice)	Japan	1			Nebr.
<i>Pinus</i> sp. (pine)	Japan (?)	1			Ga.
<i>Calligrapha labyrinthica</i> Stal (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Calligrapha pantherina</i> Stal (Chrysomelidae):					
Orchid	do.			1	Tex.

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<i>Callosobruchus chinensis</i> (L.) (Bruchidae):					
Bean	Puerto Rico	2			N. Y.
<i>Cajanus cajan</i> (pigeonpea)	Bahamas, Jamaica, Puerto Rico, Trinidad.	4	3		Fla.,* N. J., N. Y.
<i>Cicer arietinum</i> (chickpea)	India		1		N. Y.
Mixed grain	do		1		Ga.
<i>Phaseolus aureus</i> (mung bean)	Dominican Republic, Orient.		2		D. C., N. J.
<i>Vicia faba</i> (broadbean)	China			1	D. C.
<i>Vigna sinensis</i> (cowpea)	Paraguay	1			D. C.
<i>Vigna</i> sp.	do		1		D. C.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae):					
Bean	Curacao, Jamaica	2	1		N. Y.
<i>Cajanus cajan</i> (pigeonpea)	Barbados, Jamaica	3			N. Y.
<i>Cattleya</i> sp. (orchid)	Venezuela		1		P. R.
<i>Cicer arietinum</i> (chickpea)	Mexico	2			Tex.
Leguminosae	Hawaii		1		Calif.*
Unidentified seed	Aruba	1			Pa.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Cajanus cajan</i> (pigeonpea)	Grenada, Jamaica	3			N. Y.
<i>Dolichos lablab</i> (hyacinth-bean)	Haiti, Venezuela	1	1		P. R., Tex.
<i>Capaneus odiosus</i> Stal (Coreidae):					
Orchid	Mexico			1	Tex.
<i>Capaneus tetricus</i> Stal (Coreidae):					
Orchid	do			1	Tex.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Cassia sophora</i>	India			1	N. J.
<i>Cassia</i> sp.	Hawaii	1			Calif.*
Merchandise containing seed pod	Service mail		1		Tex.
<i>Tamarindus indica</i> (tamarind)	Jamaica	2			N. Y.
<i>Catorama herbarium</i> Gorb. (Anobiidae):					
<i>Cajanus cajan</i> (pigeonpea)	do		1		N. Y.
<i>Catorama tabaci</i> Guer. (Anobiidae):					
<i>Gossypium</i> sp. (cottonseed)	Cuba	1			Fla.
<i>Caulophilis latinasus</i> Say (Curculionidae):					
<i>Gypsophila paniculata</i> (babysbreath)	Mexico	1			Tex.
<i>Celama sorghiella</i> (Riley) (Nolidae):					
<i>Saccharum officinarum</i> (sugarcane)	do	1			Tex.
<i>Sorghum vulgare technicum</i> (broomcorn)	do	2			Tex.
<i>Ceratitidis capitata</i> (Wied.) (Tephritidae):					
Airplane	South Pacific		3		Hawaii*
<i>Citrus aurantifolia</i> (sweet lime)	Hawaii		1		Calif.*
<i>Citrus limon</i> (lemon)	Mozambique		2		Tex.
<i>Citrus paradisi</i> (grapefruit)	India, Morocco, Palestine (?), Spain, Turkey, Union of South Africa, Uruguay.	1	6		Md., N. Y., Pa.
<i>Citrus reticulata</i> (tangerine)	Italy		1		Md.
<i>Citrus sinensis</i> (orange)	Algeria, Portugal, Spain		4		Md., Pa.
<i>Eriobotrya japonica</i> (loquat)	Algeria	1			N. Y.
<i>Eugenia uniflora</i> (Surinam cherry)	Bermuda	1			Md.
<i>Lycopersicon esculentum</i> (tomato)	Hawaii		1		Calif.*
<i>Persea americana</i> (avocado)	do		1		Calif.*
<i>Ceratocapsus apicalis</i> Knight (Miridae):					
Orchid	Mexico	1			Tex.
<i>Ceratocapsus punctulatus</i> (Reuter) (Miridae):					
<i> Capsicum frutescens</i> (pepper)	do		1		Ariz.
<i>Ceropelestes floridensis</i> Comst. (Coccidae):					
<i>Citrus paradisi</i> (grapefruit)	Bahamas	1			Fla.*
<i>Gardenia augusta</i> (Cape-jasmine)	Costa Rica, Venezuela	3			Fla.*
<i>Malus</i> sp.	Japan			1	Calif.*
<i>Ceropelestes floridensis japonicus</i> Green (Coccidae):					
<i>Cotoneaster</i> sp.	do			1	Wash.
<i>Ceropelestes rubens</i> Mask. (?) (Coccidae):					
<i>Malus</i> sp.	do			1	Calif.*
Unidentified leaf	Antigua	1			Calif.*

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<i>Ceutorhynchus pleurostigma</i> Msh. (Curculionidae):					
<i>Brassica napobrassica</i> (rutabaga)	England		2		N. Y.
<i>Brassica rapa</i> (turnip)	do.		4		Md., N. Y., Pa.
<i>Ceutorhynchus quadridens</i> Panz. (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage)	do.		1		N. Y.
<i>Chaetopsis debilis</i> Loew (Otitidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Chaetopsis fulvifrons</i> (Macq.) (Otitidae):					
<i>Allium cepa</i> (onion)	do.	1			Tex.
<i>Zea mays</i> (corn)	Mexico, Peru	63	2	1	Ariz., D. C., La., Tex.
<i>Chelinidea rittiger aequoris</i> McA. (Coreidae):					
<i>Opuntia</i> sp. (prickly pear)	do.			1	Tex.
<i>Chilo phragmitellus</i> Hbn. (?) (Crambidae):					
<i>Phragmites communis</i> (reed)	Netherlands			2	N. J.
<i>Chilo simplex</i> (Btlr.) (Crambidae):					
<i>Oryza sativa</i> (rice)	China	1			Calif.*
<i>Triticum aestivum</i> (wheat)	Japan (?)	1			Tex.
<i>Chionaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus sinensis</i> (orange)	China		1		Calif.*
<i>Chirotripsis manicatus</i> Hal. (Thripidae):					
<i>Rosa</i> sp.	Ontario			1	N. J.
<i>Chrysomphalus albopictus</i> (Ckll.) (Coccidae):					
Unidentified leaf	Mexico	1			Tex.
<i>Musa paradisiaca sapientum</i> (banana)	do.	1			Tex.
<i>Chrysomphalus perseae</i> Comst. (Coccidae):					
<i>Cattleya</i> sp. (orchid)	Guatemala			1	Tex.
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico	1			Calif.*
<i>Mangifera indica</i> (mango)	Salvador	1			Fla.*
<i>Rosa</i> sp.	Mexico	1		1	Tex.
Unidentified leaf and stem	do.		1		Tex.
<i>Chrysomphalus portoricensis</i> Lindg. (Coccidae):					
Unidentified leaf and bark	Puerto Rico	1			Fla.*
<i>Chrysomphalus tenax</i> (McKenzie) (Coccidae):					
<i>Cattleya gigas</i> (orchid)	Colombia			4	Calif.*
<i>Cattleya trianae</i>	do.			1	Calif.*
<i>Cattleya</i> sp.	Canal Zone, Colombia			5	Calif.,* N. J.
<i>Epidendrum alatum</i> (orchid)	Guatemala			1	Calif.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
<i>Anthurium</i> sp.	do.		1		Calif.*
<i>Dendrobium</i> sp. (orchid)	Canal Zone			1	N. J.
<i>Epidendrum</i> sp. (orchid)	Nicaragua			1	Calif.*
<i>Laelia rubescens</i> (orchid)	do.			1	Calif.*
<i>Laelia superbiens</i>	Guatemala			1	Calif.*
<i>Laelia</i> sp.	do.			1	N. J.
<i>Odontoglossum uroskinneri</i> (orchid)	do.			1	Calif.*
<i>Oncidium</i> sp. (orchid)	Canal Zone			1	Tex.
<i>Clepsis peritana</i> (Clem.) (Tortricidae):					
<i>Secium edule</i> (chayote)	Mexico	1			Tex.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Colombia			1	Calif.*
Unidentified tree	Mexico	1			Ariz.
<i>Coccotrypes dactyliperda</i> (F.) (Scolytidae):					
<i>Phylephas macrocarpa</i> (ivory nut)	Ecuador	1			Tex.
<i>Coccus mangiferae</i> (Green) (Coccidae):					
<i>Mangifera indica</i> (mango)	British Guiana, Salvador.	2			Fla.,* Tex.
Unidentified leaf	Mexico			1	Tex.
<i>Coccus pseudohesperidum</i> (Ckll.) (Coccidae):					
<i>Cattleya trianae</i> (orchid)	Guatemala			1	Tex.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Colombia, Costa Rica, Cuba, Dominican Republic, Hawaii, Panama, Puerto Rico, Venezuela.	39	2		Calif.,* Fla.*

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<i>Coelosternus consputus</i> Boh. (Curculionidae):					
<i>Cybtistar donnell-smithi</i> (primavera)	Mexico	2			Calif.*
Hardwood log	do	2			Calif.*
<i>Colaphodes haemoptera</i> (L.) (Chrysomelidae):					
Sand ballast	Italy	2			Tex.
<i>Collops bipunctatus</i> (Say) (Malachiidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Colobicus parilis</i> Pasc. (Colydiidae):					
<i>Samanea saman</i> (raintree saman)	Hawaii	1			Calif.*
<i>Conchaspis angraeci</i> Newst. (Coccidae):					
<i>Codiaeum</i> sp. (croton)	Mexico			1	Tex.
<i>Epidendrum</i> sp. (orchid)	Nicaragua			1	Calif.*
Orchid	Mexico			1	Tex.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	do	115			Tex.
<i>Conotrachelus integer</i> Csy. (Curculionidae):					
<i>Quercus</i> sp. (oak)	do	1			Tex.
<i>Conotrachelus leucophaeatus</i> Fahr. (Curculionidae):					
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Conotrachelus perseae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)	Guatemala, Mexico	1		1	D. C., Tex.
<i>Conotrachelus seniculus</i> Lec. (Curculionidae):					
<i>Daucus carota sativa</i> (carrot)	Mexico	1			Ariz.
<i>Gossypium</i> sp. (cottonseed)	do		1		Ariz.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Coproporus pulchellus</i> Er. (Staphylinidae):					
<i>Cattleya mendeli</i> (orchid)	Colombia			1	Calif.*
Orchid	Venezuela			1	Wash.
<i>Coptotermes sjostedti modica</i> Silv. (Rhinotermitidae):					
<i>Khaya</i> sp.	Gold Coast	1			Va.
<i>Corcyra cephalonica</i> (Staint.) (Galleriidae):					
<i>Agaricus campestris</i> (mushroom)	Soldier's mail	1			Wash.
<i>Cajanus cajan</i> (pigeonpea)	Barbados	1			N. Y.
<i>Gossypium</i> sp. (cottonseed)	Brazil, St. Vincent	1		1	Fla.,* P. R.
<i>Solanum</i> sp.	Soldier's mail	1			Minn.
<i>Sorghum vulgare</i> (sorghum)	Kenya Colony			1	D. C.
<i>Cordylomera spiniicornis</i> F. (?) (Cerambycidae):					
<i>Khaya</i> sp.	Gold Coast	4			Pa., Va.
<i>Corimelaena alticola</i> (Horvath) (Pentatomidae):					
Orchid	Mexico			1	Tex.
<i>Corimelaena incognita</i> (McA. & M.) (Pentatomidae):					
<i>Maurandia</i> sp.	do	1			N. Y.
<i>Coritidea lonigera</i> (Reuter) (Olethostematidae):					
Orchid	do			1	Tex.
<i>Crociosema plebeiana</i> Zell. (Olethreutidae):					
<i>Hibiscus esculentus</i> (okra)	Cuba	3			Fla.,* La., N. Y.
<i>Crophius scabrosus</i> Uhl. (Lygaeidae):					
Herb	Mexico	1			Ariz.
Orchid	do			1	Tex.
<i>Cryphalomorphus jalapae</i> (Letzn.) (Scolytidae):					
<i>Ipomoea batatas</i> (sweetpotato)	do		1		Tex.
<i>Ipomoea purga</i> (jalap)	do	1			Tex.
<i>Cryphula affinis</i> (Dist.) (Lygaeidae):					
<i>Cattleya mendeli</i> (orchid)	Colombia			1	Calif.*
<i>Cryphula trimaculata</i> (Dist.) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Cryptotermes cavirostris</i> Banks (Kalotermitidae):					
<i>Guajacum officinale</i> (ligum vitae)	Guatemala	1			Calif.*
<i>Ctenicera aereipennis</i> (Kby.) (Elateridae):					
Soil	British Columbia			1	Wash.
<i>Curculio q-griseae</i> Chttn. (Curculionidae):					
<i>Quercus</i> sp. (oak)	Mexico	3		1	Tex.
<i>Cylas formicarius</i> (F.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato)	India		2		Ga.

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<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) -----	Bahamas, China, Colombia, Cuba, Curacao Dominican Republic, Hawaii, Jamaica, Mexico Panama, Puerto Rico, Virgin Islands.	34	18	---	Ala., Calif., Fla.,* La., Md., N. Y., Pa., Tex.
<i>Cylas formicarius</i> probably <i>elegantulus</i> (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) -----	Brazil, Cuba, Dominican Republic, Panama, Puerto Rico.	3	9	---	Md., Mass., N. Y., Pa., Tex.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) -----	India -----	---	4	---	Calif.,* Ga., N. Y.
<i>Cylas formicarius</i> (F.) (subspecies unknown) (Curculionidae): <i>Ipomoea batatas</i> (sweetpotato) -----	China -----	---	1	---	Ala.
<i>Cyphosterna bicolor</i> Chev. (Cerambycidae): Bamboo -----	Mexico -----	1	---	---	Ariz.
<i>Dacne hipustulata</i> (Thunb.) (?) (Erotylidae): <i>Gossypium</i> sp. (cotton lint) -----	Soldier's mail -----	1	---	---	Tex.
<i>Dacne picta</i> Crotch (Erotylidae): Herb -----	Burma or India (?) -----	1	---	---	Fla.*
<i>Dacus cucurbitae</i> Coq. (Tephritidae): <i>Capsicum frutescens</i> (pepper) -----	Hawaii -----	---	3	---	Wash. Calif.*
<i>Carica papaya</i> (papaya) -----	do -----	---	1	---	Calif.*
<i>Cucumis sativus</i> (cucumber) -----	do -----	---	1	---	Calif.*
<i>Cucurbita maxima</i> (squash) -----	do -----	---	6	---	Calif.,* Mass.
<i>Lycopersicon esculentum</i> (tomato) -----	do -----	1	45	---	Calif.,* Wash.
<i>Persea americana</i> (avocado) -----	do -----	---	1	---	Calif.*
<i>Phaseolus</i> sp. (string bean) -----	do -----	---	2	---	Calif.*
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): <i>Mangifera indica</i> (mango) -----	do -----	1	---	---	Calif.*
<i>Dacus oleae</i> Gmel. (Tephritidae): <i>Olea europaea</i> (olive) -----	Italy, Mexico -----	1	3	---	N. Y., Tex.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp. -----	England -----	---	---	9	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): Bamboo -----	Soldier's mail -----	1	---	---	Ky. Tex.
Unidentified leaf -----	do -----	1	---	---	---
<i>Dialeurodes citrifolii</i> (Morg.) (Aleyrodidae): <i>Citrus paradisi</i> (grapefruit) -----	Puerto Rico -----	1	---	---	Fla.*
<i>Citrus</i> sp. -----	Haiti -----	1	---	---	N. J.
<i>Dialeurodes kirkaldyi</i> (Kot.) (Aleyrodidae): Unidentified cutting -----	Philippines -----	---	---	1	Calif.*
Unidentified shrub -----	Guam -----	1	---	---	N. J.
<i>Diaphania hyalinata</i> (L.) (Pyraustidae): <i>Cucumis melo</i> (melon) -----	Mexico -----	1	---	---	Tex.
<i>Cucurbita maxima</i> (squash) -----	do -----	4	---	---	Tex.
<i>Diaphania nitidalis</i> (Stoll) (Pyraustidae): <i>Cucumis sativus</i> (cucumber) -----	Brazil, Canal Zone, Nicaragua, Panama. -----	---	8	---	Ala., Calif.,* N. Y., Tex.
<i>Cucurbita maxima</i> (squash) -----	Mexico -----	2	---	---	Tex.
<i>Sechium edule</i> (chayote) -----	do -----	---	1	---	Tex.
<i>Diatraea lineolata</i> (Wlk.) (Crambidae): <i>Saccharum officinarum</i> (sugarcane) -----	Colombia -----	---	1	---	N. Y.
<i>Diatraea saccharalis</i> (F.) (Crambidae): <i>Saccharum officinarum</i> (sugarcane) -----	Cuba -----	1	---	---	Fla.*
Sugar -----	do -----	1	---	---	Fla.*
<i>Dichocrocis punctiferalis</i> (Gn.) (Pyraustidae): <i>Pinus</i> sp. (pine) -----	Japan -----	---	---	1	N. J.
<i>Dinoderus bifoveolatus</i> (Woll.) (Bostrichidae): Forest litter -----	Soldier's mail -----	1	---	---	Tex.
<i>Serjania mexicana</i> (barbasco) -----	Brazil, Peru -----	6	---	---	N. Y.
Wood -----	Mexico -----	1	---	---	Tex.

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<i>Dinoderus brevis</i> Horn (Bostrichidae): Bamboo.....	Philippines, soldier's mail, South Pacific.	15			Hawaii,* Md., Minn., Nebr., Ohio, Wash.
<i>Phragmites</i> sp.....	Soldier's mail.....	1			Mass.
Straw hat.....	Service mail.....	1			Wash.
Wood.....	India.....	1			N. Y.
<i>Dinoderus ocellaris</i> Steph. (Bostrichidae): Bamboo.....	Asia, Philippines, soldier's mail.	11			Ky., Ill., Md., Mass., Ohio.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae): <i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): <i>Cymbidium</i> sp. (orchid).....	Mexico.....		1		Tex.
<i>Odontoglossum</i> sp. (orchid).....	Guatemala.....		1		Tex.
Orchid.....	Mexico.....		7		Tex.
<i>Dolichocysta venusta</i> Champ. (Tingidae): Unidentified leaf.....	do.....	1			Ariz.
<i>Dryophthorus pusillus</i> Sharp (Curculionidae): <i>Cibotium</i> sp. (fern).....	Hawaii.....		1		Calif.*
<i>Dysdercus mimulus</i> Hussey (Pyrrhocoridae): <i>Poltanthes tuberosa</i> (tuberose).....	Mexico.....	1			Tex.
<i>Dysides obscurus</i> Perty (Bostrichidae): Wood.....	Venezuela.....	1		1	N. J.
<i>Elytroteinus subtruncatus</i> (Fairm.) (Curculionidae): Orchid.....	New Guinea.....			1	Calif.*
<i>Empoasca solana</i> Del. (Cicadellidae): <i>Lactuca sativa</i> (lettuce).....	Mexico.....	2			Tex.
<i>Endrosis lactella</i> (Schiff.) (Oecophoridae): <i>Anemone</i> sp.....	England.....		1		N. Y.
<i>Begonia</i> sp.....	Soldier's mail.....		1		Wash.
<i>Iris</i> sp.....	Netherlands.....		1		N. J.
<i>Magnolia</i> sp.....	do.....		1		N. J.
<i>Tulipa</i> sp.....	Netherlands, soldier's mail.	2		3	Calif.,* Ky., N. Y.
<i>Enlemus minutus</i> (L.) (Lathridiidae): <i>Catleya mossiae</i> (orchid).....	Venezuela.....			1	Calif.*
Hay.....	Soldier's mail.....	1			Tex.
<i>Narcissus</i> sp.....	Netherlands.....		2		N. Y.
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Tex.
<i>Triticum aestivum</i> (wheat).....	do.....	1			Tex.
<i>Epicaerus cognatus</i> Sharp (Curculionidae): <i>Solanum tuberosum</i> (potato).....	Mexico.....	1	10		La., Tex., Va.
<i>Epidiaspis piricola</i> (Del Guer.) (?) (Coccidae): <i>Malus sylvestris</i> (apple).....	Portugal.....		1		Pa.
<i>Epilachna varivestis</i> Muls. (Coccinellidae): <i>Brassica</i> sp. (mustard).....	Mexico.....	1			Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
Orchid.....	do.....		1		Tex.
<i>Epilachna varivestis varipes</i> Muls. (Coccinellidae): Orchid.....	do.....			1	Tex.
<i>Epinotia opposita</i> Hein. (Olethreutidae): <i>Phaseolus</i> sp. (string bean).....	Canal Zone, Mexico, Panama.	6	8		Ala., Ariz., Calif.,* Tex.
<i>Epitrix cucumeris</i> (Har.) (Chrysomelidae): <i>Physalis</i> sp. (husk tomato).....	Mexico.....	2			Tex.
<i>Epitrix fasciata</i> Blatch. (Chrysomelidae): <i>Capsicum frutescens</i> (pepper).....	do.....	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Epitrix hirtipennis</i> (Melsh.) (Chrysomelidae): <i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Tex.

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<i>Ereumetis flavistriata</i> Wlsm. (Tineidae):					
<i>Ananas comosus</i> (pineapple).....	Hawaii.....	1			Wash.
<i>Cocos nucifera</i> (coconut).....	do.....	8	1		Calif.*
<i>Musa paradisiaca sapientum</i> (banana).....	do.....	1			Wash.
<i>Ereumetis minuscula</i> Wlsm. (Tineidae):					
Unidentified seed.....	Cuba.....			1	N. Y.
<i>Eriococcus coccineus</i> Kkll. (Coccidae):					
Cactus.....	Mexico.....			4	Tex.
<i>Ernobius abietis</i> F. (Anobiidae):					
<i>Picea</i> sp. (spruce).....	Norway.....		1		Md.
<i>Ernobius punctulatus</i> (Lec.) (Anobiidae):					
<i>Pinus</i> sp. (pine).....	Canada.....	1			Wash.
<i>Estigmene acrea</i> (Drury) (Arctiidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1			La.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	2			Ariz., Tex.
<i>Eucactophagus aurocinctus</i> Champ. (Curculionidae):					
<i>Cattleya dowiana</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Eucalandra setulosa</i> (Gyll.) (Curculionidae):					
<i>Arthrostylidium racemiflorum</i> (bamboo).....	Mexico.....	6			Ariz.
Bamboo.....	do.....	1			Ariz.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	3			Tex.
<i>Rosa</i> sp.....	Venezuela.....	1			Fla.*
<i>Eucnoecerus anthrenoides</i> Sharp (Dermestidae):					
<i>Tagetes florida</i>	Mexico.....	1			Tex.
<i>Eumecosomyia nubila</i> (Wied.) (Otitidae):					
<i>Zea mays</i> (corn).....	do.....	1			Tex.
<i>Eumerus tuberculatus</i> Rond. (Syrphidae):					
<i>Hyacinthus</i> sp.....	Netherlands.....			1	N. Y.
<i>Eurycypitia vestitus</i> (Dist.) (Miridae):					
<i>Brassavola digbyana</i> (orchid).....	Honduras.....			1	N. J.
<i>Oncidium</i> sp. (orchid).....	Mexico.....			1	Calif.*
Orchid.....	Guatemala, Mexico.....			2	Tex., Wash.
<i>Eurydema ornatum</i> (L.) (Pentatomidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Italy.....		1		N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya choroensis</i> (orchid).....	Colombia.....			1	Calif.*
<i>Cattleya dowiana</i>	Costa Rica.....			1	Calif.*
<i>Cattleya gaskelliana</i>	Venezuela.....			1	Calif.*
<i>Cattleya gigas</i>	Colombia.....			1	N. J.
<i>Cattleya harrisoniana</i>	Brazil.....			1	Calif.*
<i>Cattleya loddigesi</i>	do.....			2	N. J.
<i>Cattleya mossiae</i>	Venezuela.....			1	Calif.*
<i>Cattleya walkeriana</i>	Brazil.....			1	N. J.
<i>Cattleya</i> sp.....	Brazil, Colombia, Guatemala, Venezuela.....			59	Calif.,* N. J., Tex., Wash.
<i>Laelia</i> sp. (orchid).....	Brazil.....			1	N. J.
<i>Eusepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	Brazil, Hawaii, Panama, Puerto Rico, Venezuela.....	3	15		Calif.,* Fla.,* Md., Mass., N. Y., Pa., Tex., Wash.
<i>Ebergestis forficatis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, France.....		2		Mass., N. Y.
<i>Ebergestis rimosalis</i> (Guen.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Mexico.....	1			Tex.
<i>Rorippa nasturtium aquaticum</i> (watercress).....	do.....	1			Tex.
<i>Zea mays</i> (corn).....	do.....	1			Tex.
<i>Exitanus obscurinervis</i> (Stal) (Cicadellidae):					
Orchid.....	do.....	1			Tex.
<i>Exptochiomera minima</i> (G.-M.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
<i>Cattleya gigas</i> (orchid).....	Colombia.....			1	Calif.*
<i>Cattleya mendelii</i>	do.....			1	Calif.*

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Erptochiamera minima</i> —Continued					
<i>Cattleya mossiae</i>	Venezuela			2	Calif.*
<i>Cattleya schroederiana</i>	Colombia			1	Calif.*
<i>Cattleya trianae</i>	do			1	Calif.*
<i>Cattleya</i> sp.	Colombia, Venezuela			2	N. J., Wash.
<i>Epidendrum</i> sp. (orchid)	Costa Rica			1	Tex.
<i>Lycaste</i> sp. (orchid)	Guatemala			1	Calif.*
Unidentified plant	Mexico	1			Tex.
<i>Erptochiamera oblonga</i> (Stal) (Lygaeidae):					
<i>Gossypium</i> sp. (seed cotton)	Salvador	1			Tex.
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Pinus</i> sp. (pine)	do	1			Tex.
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Erptochiamera tumens</i> (Stal) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Forcipomyia raleighi</i> Macfie (Heleidae):					
<i>Lilium</i> sp.	Mexico			1	Tex.
<i>Forficula auricularia</i> L. (Forficulidae):					
<i>Brassica oleracea capitata</i> (cabbage)	England		1		Tex.
Clothing	Soldier's mail	1			Ga.
<i>Hyacinthus</i> sp.	Netherlands			1	N. Y.
<i>Narcissus</i> sp.	do			2	N. Y.
<i>Scilla</i> sp.	do			1	N. Y.
Soil around rhododendron	England			1	N. J.
Sod ballast	Scotland	1			N. Y.
<i>Tulipa</i> sp.	Netherlands			5	N. Y.
<i>Frankliniella bratleyi</i> Wats. (Thripidae):					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Polianthes tuberosa</i> (tuberose)	do	1			Tex.
<i>Polianthes</i> sp.	do			1	Tex.
<i>Frankliniella cephalica</i> (Crawf.) (Thripidae):					
<i>Dianthus</i> sp. (carnation)	do	1			Tex.
<i>Gardenia augusta</i> (Cape-jasmine)	do	1			Tex.
<i>Gladiolus</i> sp.	do	2			Tex.
<i>Lactuca sativa</i> (lettuce)	do	1			Tex.
<i>Polianthes tuberosa</i> (tuberose)	do	1			Tex.
<i>Rosa</i> sp.	do	2	1		Tex.
<i>Frankliniella insularis</i> (Frank.) (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Venezuela	1			Fla.*
<i>Gardenia augusta</i> (Cape-jasmine)	Cuba	1			Fla.*
<i>Rosa</i> sp.	Mexico	1			Fla.*
<i>Frankliniella minuta</i> (Mlt.) (Thripidae):					
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Dianthus</i> sp. (carnation)	do	1			Tex.
<i>Gladiolus</i> sp.	do	1			Tex.
Orchid	do			2	Tex.
<i>Frankliniella moultoni</i> Hood (Thripidae):					
<i>Pinus</i> sp. (pine)	British Columbia	1			Wash.
<i>Fulvius fuscans</i> Dist. (Miridae):					
<i>Odontoglossum grande</i> (orchid)	Guatemala			1	Calif.*
<i>Fundella pellucens</i> Zell. (Phytidae):					
<i>Cajanus cajan</i> (pigeonpea)	Puerto Rico	4			Fla.*
<i>Furcaspis bifurmis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid)	Canal Zone, Panama			2	Calif.* Tex.
<i>Cattleya dowiana</i> (orchid)	Canal Zone			1	Tex.
<i>Cattleya gigas</i> (orchid)	Colombia			3	Calif.*
<i>Cattleya lueddemanniana</i>	Venezuela			1	Calif.*
<i>Cattleya pericaliana</i>	do			2	Calif.*
<i>Cattleya trianae</i>	Colombia			1	Calif.*
<i>Cattleya</i> sp.	Colombia, Costa Rica, Venezuela			9	Calif.* N. J., P. R., Tex.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone, Panama			7	Calif.* Tex.
<i>Epidendrum</i> sp.	Colombia, soldier's mail			2	N. J.
<i>Oncidium confusum</i> (orchid)	Canal Zone			4	Tex.
<i>Oncidium panamense</i>	do			1	Calif.*
Orchid	Ceylon, Puerto Rico	1			Fla.* N. J.
<i>Vanda joaquimiae</i> (orchid)	Hawaii			1	Calif.*
<i>Vanda teres</i>	Grenada			1	N. J.

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<i>Furcaspis oceanica</i> Lindgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Admiralty Island, Eniwetok Island, Marshall Islands, Palau Islands, South Pacific.	5	---	1	Calif.*
<i>Galgupha caerulescens</i> Stal (Pentatomidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Galgupha punctifer</i> McA.-M. (Pentatomidae):					
<i>Oncidium panamense</i> (orchid).....	Canal Zone.....	---	---	1	Tex.
<i>Geocnethus semileris</i> (Sign.) (Cydnidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Tex.
<i>Gerstaeckeria mutillaria</i> Gerst. (Curulionidae):					
Cactus.....	do.....	---	---	1	Tex.
<i>Glyphonyx praecox</i> Er. (Elatridae):					
<i>Solanum tuberosum</i> (potato).....	do.....	1	---	---	Tex.
<i>Glyptina nivalis</i> Horn (Chrysomelidae):					
<i>Chrysanthemum</i> sp.....	do.....	1	---	---	Tex.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper).....	Cuba, Mexico.....	21	1	---	Ariz., La., Tex.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Tex.
<i>Gnorimoschema lavernella</i> (Chamb.) (Gelechiidae):					
<i>Physalis</i> sp. (husk tomato).....	do.....	13	---	---	Tex.
<i>Gnorimoschema plaesiosema</i> (Turner) (Gelechiidae):					
<i>Solanum tuberosum</i> (potato).....	Chile.....	---	1	---	La.
<i>Gracilaria azaleella</i> (Brants) (Gracilariidae):					
<i>Rhododendron indicum</i> (azalea).....	Belgium.....	---	---	1	N. J.
<i>Rhododendron</i> sp. (azalea).....	Belgium, Netherlands.....	---	---	12	N. J.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple).....	Mexico.....	1	---	---	Tex.
<i>Prunus persica</i> (peach).....	Mexico (?).....	1	---	---	Tex.
<i>Grapholitha saltitans</i> (Westw.) (Olethreutidae):					
<i>Sebastiania pavoniana</i> (Mexican jumping bean).....	Mexico.....	1	---	---	Tex.
<i>Gymnandrosoma aurantianum</i> Da Costa Lima (?) (Olethreutidae):					
<i>Citrus sinensis</i> (orange).....	Brazil.....	---	1	---	Mass.
<i>Haplothrips cottei</i> (Vuillet.) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation).....	Greece.....	1	---	---	N. Y.
<i>Haplothrips gowdeyi</i> (Frankl.) (Thripidae):					
<i>Gladiolus</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Polianthes tuberosa</i> (tuberose).....	do.....	1	---	---	Tex.
<i>Heliodines bella</i> (Chamb.) (Heliodinidae):					
<i>Portulaca oleracea</i> (purslane).....	do.....	30	---	---	Ariz., Tex.
<i>Heliothis subflexa</i> (Gn.) (Phalaenidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	2	---	---	N. Y., P. R.
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	11	---	---	Tex.
<i>Hermetia illucens</i> (L.) (Stratiomyidae):					
<i>Persea americana</i> (avocado).....	Hawaii.....	---	1	---	Calif.*
<i>Heterarthron plicatum</i> (Lec.) (Bostrichidae):					
Hardwood log.....	Mexico.....	1	---	---	Wash.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
Plywood.....	India.....	3	---	---	Ill., Ohio.
Wood.....	do.....	6	---	---	N. J.
<i>Hofmannophila pseudospretella</i> (Staint.) (Oecophoridae):					
Bulb.....	Netherlands.....	---	---	1	N. J.
<i>Chionodoza</i> sp.....	do.....	---	---	1	N. Y.
<i>Gladiolus</i> sp.....	do.....	---	---	2	N. J., N. Y.
Hay.....	Unknown.....	1	---	---	Tex.
<i>Helenium</i> sp.....	Netherlands.....	---	---	1	N. J.
<i>Hyacinthus</i> sp.....	do.....	---	---	2	Calif.,* La.
<i>Leptospermum scoparium</i>	New Zealand.....	---	---	1	Calif.*
<i>Mecanopsis</i> sp.....	Ireland.....	---	---	1	N. J.
<i>Tulipa</i> sp.....	Netherlands, soldier's mail.....	1	---	1	Calif.,* Ky.
<i>Holosternus distans</i> Sharp (Cryptogagidae):					
<i>Rosa</i> sp.....	Mexico.....	1	---	---	Tex.
<i>Homocerosoma electellum</i> (Hlst.) (Phycitidae):					
Flower.....	do.....	3	---	---	Tex.

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<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
Pinus sp. (pine)	Sweden	1			N. Y.
<i>Hystipyla grandella</i> (Zell.) (Phycitidae):					
Hardwood log	Mexico	1			Calif.*
<i>Swietenia mahagoni</i> (mahogany)	do.	1			Wash.
<i>Iridomyrmex humilis</i> Mayr. (Formicidae):					
Castanea sp. (chestnut)	Portugal	1			Pa.
<i>Vitis</i> sp. (grape)	Union of South Africa	1			Mass.
<i>Iridomyrmex iniquus</i> Mayr. (Formicidae):					
Cattleya sp. (orchid)	Colombia, Venezuela			4	N. J.
<i>Iridomyrmex iniquus nigella</i> Emery (Formicidae):					
Cattleya mossiae (orchid)	Venezuela		1		Calif.*
Cattleya trianae	Colombia		1		Calif.*
<i>Epidendrum</i> sp. (orchid)	Guatemala		1		Calif.*
<i>Lycaste</i> sp. (orchid)	do.		1		Calif.*
<i>Miltonia endresii</i> (orchid)	Costa Rica		1		Calif.*
<i>Odontoglossum schlieperianum</i> (orchid)	do.		1		Calif.*
<i>Jornandes intermedius</i> Dist. (Miridae):					
Fosa sp.	Mexico		1		Tex.
<i>Kaloterme clevelandi</i> Snyder (Kalotermitidae):					
Guajacum officinale (lignumvitae)	Guatemala	1			Calif.*
<i>Kaloterme joutei</i> Banks (Kalotermitidae):					
Guajacum officinale (lignumvitae)	Mexico	1			Calif.*
<i>Kaloterme nigratus</i> Snyder (Kalotermitidae):					
Brosimum alicastrum (Ramon breadnut tree)	Guatemala	1			Wash.
<i>Kaloterme snyderi</i> Light (Kalotermitidae):					
Guajacum officinale (lignumvitae)	do.	1			Calif.*
<i>Lamprodema maurum</i> (F.) (Lygaeidae):					
Wood	Portugal	1			N. Y.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
Castanea sp. (chestnut)	Belgium, England, Italy, Portugal, soldier's mail.	8			Colo., Ohio, Pa., Wash.
<i>Lathridius bergrothi</i> Reitt. (Lathridiidae):					
Grass	Soldier's mail	1			N. Y.
Hay	do.	1			Tex.
<i>Lathridius nodifer</i> Westw. (Lathridiidae):					
Cattleya sp. (orchid)	Colombia		1		Tex.
Daphne sp.	Netherlands		1		N. J.
Gladiolus sp.	Mexico		2		Tex.
<i>Hyacinthus</i> sp.	Netherlands		3		N. Y.
Orchid	Mexico		2		Tex.
<i>Lema quinquenotata</i> Clark (Chrysomelidae):					
Orchid	do.		1		Tex.
<i>Leperisinus fraxini</i> (Panz.) (Scolytidae):					
Fraxinus sp. (ash)	England	3			N. Y.
<i>Lepidosaphes alba</i> (Ckll.) (Coccidae):					
Manihot esculenta (cassava)	Cuba	1			Fla.*
<i>Lepidosaphes ficus</i> (Sign.) (Coccidae):					
Ficus carica (fig)	Algeria, Tunisia		2		D. C.
<i>Lepidosaphes pallida</i> Green (Coccidae):					
Juniperus sp. (juniper)	Japan	1			Wash.
<i>Lepidosaphes philococcus</i> (Ckll.) (Coccidae):					
Acanthocereus subinermis (cactus)	Mexico		1		Tex.
Cactus	do.		2		Tex.
<i>Cereus marginatus</i> (cactus)	do.		1		Tex.
<i>Lemaireocereus clauatus</i> (cactus)	do.		1		Tex.
<i>Lemaireocereus stellatus</i> (cactus)	do.		1		Tex.
<i>Lemaireocereus</i> sp.	do.		1		Tex.
<i>Myrtillocactus grandiaureolatus</i> (cactus)	do.		1		Tex.
<i>Thelocactus saussurii</i> (cactus)	do.		1		Tex.
<i>Lepidosaphes punicae</i> Laing (Coccidae):					
Litchi philippinensis (lychee)	Honduras		1		D. C.
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
Codiaeum sp. (croton)	Hawaii, Puerto Rico	2			Calif.,* Fla.*
<i>Lepidosaphes tuberculata</i> (Malen) (Coccidae):					
Cymbidium sp. (orchid)	England, India, Japan		11		Calif.,* N. J.
<i>Leptipsius striatus</i> (Lec.) (Monotomidae):					
Zea mays (corn)	Mexico	3			Tex.

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<i>Leptoglossus chilensis</i> Spinola (Coreidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1			N. Y.
<i>Leucaspis cockerelli</i> (deCharmoy) (Coccidae):					
<i>Citrus paradisi</i> (grapefruit).....	West Indies.....		1		Calif.*
<i>Citrus sinensis</i> (orange).....	Panama.....		1		Calif.
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
<i>Vanda</i> sp. (orchid).....	Jamaica.....			1	N. J.
<i>Leucinodes elegantalis</i> Gn. (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	98			Tex.
<i>Solanum melongena</i> (eggplant).....	do.....	1			Tex.
<i>Leucopocila albofasciata</i> Reuter (Miridae):					
<i>Brassica oleracea gongyloides</i> (kohlrabi).....	do.....	1			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....		1		Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Ariz.
<i>Leucoptera coffeella</i> (Guer.) (Lyonetiidae):					
<i>Coffea</i> sp.....	do.....	2			Tex.
<i>Ligyrocoris abdominalis</i> (G.-M.) (Lygaeidae):					
<i>Lactuca sativa</i> (lettuce).....	Cuba.....	1			P. R.
<i>Ligyrocoris aurivilliana</i> Dist. (Lygaeidae):					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
<i>Ligyrocoris litigiosus</i> Stal (Lygaeidae):					
<i>Laelia superbiens</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Lineodes integra</i> (Zell.) (Pyraustidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Liorhyssus hyalinus</i> (F.) (Coreidae):					
<i>Lactuca sativa</i> (lettuce).....	do.....	2			Ariz., Tex.
<i>Liothrips vaneeckei</i> Pr. (Thripidae):					
<i>Lilium</i> sp.....	France.....			5	N. Y.
<i>Liriomyza pusilla</i> (Meig.) (Agromyzidae):					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1			Tex.
<i>Lophocateres pusillus</i> (Klug.) (Ostomidae):					
<i>Oryza sativa</i> (rice).....	Brazil, Colombia.....	1	1		Fla.,* Tex.
<i>Phaseolus limensis</i> (lima bean).....	India.....	1			N. Y.
Wood.....	Morocco.....	1			N. Y.
<i>Zea mays</i> (corn).....	Mexico.....	2			Tex.
<i>Lygaeus analtis</i> Dallas (Lygaeidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	4			Tex.
<i>Lygaeus vitticutis</i> Stal (Lygaeidae):					
<i>Laelia anceps</i> (orchid).....	do.....			1	Tex.
<i>Odontoglossum grande</i> (orchid).....	Guatemala.....			1	Tex.
Orchid.....	Mexico.....			1	Tex.
<i>Lygus elisus</i> Van Duzee (Miridae):					
<i>Beta vulgaris</i> (beet).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	2			Tex.
<i>Raphanus sativus</i> (radish).....	do.....	2			Tex.
<i>Lygus hesperus</i> Knight (Miridae):					
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Lygus oblineatus</i> (Say) (Miridae):					
<i>Brassica</i> sp. (mustard).....	do.....	4			Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1	1		Ariz.
<i>Rorippa nasturtium aquaticum</i> (watercress).....	do.....	1			Ariz.
<i>Lygus rubicundus</i> (Fall.) (Miridae):					
<i>Beta vulgaris</i> (beet).....	do.....	1			Tex.
<i>Brassica</i> sp. (mustard).....	do.....	1			Tex.
<i>Raphanus sativus</i> (radish).....	do.....	3			Tex.
<i>Lygus sallei</i> Stal (Miridae):					
Daisy.....	do.....	1			Tex.
<i>Dianthus</i> sp. (carnation).....	do.....	1			Tex.
<i>Macrocephalus stali</i> Handl. (Phymatidae):					
Orchid.....	do.....			1	Tex.
<i>Macrocoma aureovillosa</i> (Marshall) (Chrysomelidae):					
Grass.....	East Africa.....			1	D. C.
<i>Marmara opuntiiella</i> Buseck (Pyraustidae):					
<i>Opuntia</i> sp. (cactus).....	Mexico.....	1			Tex.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1			Fla.*
<i>Capsicum frutescens</i> (pepper).....	Hawaii.....		1		Wash.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Maruca testulalis</i> —Continued					
Phaseolus vulgaris (kidney bean).....	Hawaii	2	1	7	Calif.*
Phaseolus sp. (string bean).....	Hawaii, Panama, Puerto Rico, Trinidad.				Calif., *La., Tex., Wash.
<i>Micrapate dinoderoides</i> (Horn) (Bostrichidae):					
Prosopis sp. (mesquite).....	Mexico		1		Tex.
<i>Microtheca ochroloma</i> Stal (Chrysomelidae):					
Vitis sp. (grape).....	Argentina	1			La.
<i>Mimosestes dominicanus</i> (Jekel) (Bruchidae):					
Caesalpinia coriaria (divi-divi).....	Colombia, Dominican Republic, Mexico, Nicaragua.	7			La., N. Y., Tex.
<i>Minthea rugicollis</i> (Wlk.) (Lycetidae):					
Cattleya mossiae (orchid).....	Venezuela			1	Calif.*
Grass hat.....	Soldier's mail	1			Wash.
Grass packing.....	do	1			Tex.
Khaya sp.....	India (?)	2			La.
Oryza sativa (rice).....	Soldier's mail	1			Tex.
Wood.....	do	2			N. Y.
Zingiber officinale (ginger).....	Guatemala	1			La.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
Zea mays (corn).....	Mexico	17	1		Tex.
<i>Mordellistena cattleyana</i> Champ. (Mordellidae):					
Cattleya sp. (orchid).....	Brazil, Colombia, Peru			5	Calif.*, N. J.
<i>Morganella longispina</i> (Morg.) (Coccidae):					
Citrus sinensis (orange).....	Australia		1		Calif.*
Nerium oleander (oleander).....	Bahamas	1			Fla.*
<i>Mormidea collaris</i> Dallas (Pentatomidae):					
Orchid.....	Mexico			1	Tex.
<i>Mormidea notulata</i> (H.-S.) (Pentatomidae):					
Orchid.....	do			3	Tex.
<i>Myelois ceratoniae</i> Zell. (Phycitidae):					
Phoenix dactylifera (date).....	Palestine	1			N. Y.
<i>Myodocha longicollis</i> Stal (Lygaeidae):					
Orchid.....	Mexico			1	Tex.
<i>Myzus duffeldii</i> (Theob.) (Aphidae):					
Crocus sp.....	Netherlands			1	N. J.
<i>Nabis alternatus</i> Parsh. (Nabidae):					
Brassica sp. (mustard).....	Mexico	1			Tex.
<i>Nabis dentipes</i> Har. (Nabidae):					
Orchid.....	do			1	Tex.
<i>Nasutitermes nigriceps</i> (Hald.) (Termitidae):					
Orchid.....	do			1	Tex.
<i>Nemapogon granella</i> (L.) (Tineidae):					
Agaricus campestris (mushroom).....	China Yugoslavia	3			D. C., Wash.
Anemone sp.....	Netherlands	2			Mass.
Tulipa sp.....	do			3	Mass., N. Y.
<i>Neoclytus caccius</i> Chev. (Cerambycidae):					
Guajacum officinale (gignumvitae).....	Guatemala	1			Calif.*
<i>Neodryocetes exquisitus</i> Blkm. (Scolytidae):					
Wood.....	Mexico	1			Wash.
<i>Neofurius carvalhoi</i> Da Costa Lima (Miridae):					
Cattleya sp. (orchid).....	Venezuela			7	N. J.
<i>Neokolla heteroglyphica</i> (Say) (Cicadellidae):					
Flower.....	Mexico	1			Tex.
<i>Nicobium castaneum</i> (Oliv.) (Anobiidae):					
Cereal straw.....	Azores	1			N. Y.
<i>Nicobium castaneum hirtum</i> (Ill.) (Anobiidae):					
Castanea sp. (chestnut).....	Bermuda	1			Md.
<i>Niptus hololeucus</i> (Fald.) (Ptinidae):					
Calluna vulgaris (heather).....	Scotland	1			N. Y.
<i>Nysius calliger</i> Stal (Lygaeidae):					
Zantedeschia aethiopica (calla lily).....	Mexico	1			Tex.
<i>Nysius minutus</i> Uhl. (Lygaeidae):					
Beta vulgaris (beet).....	do	1			Tex.
Beta vulgaris cicla (Swiss chard).....	do	1			Ariz.
Brassica sp. (mustard).....	do	17			Tex.
Lactuca sativa (Lettuce).....	do	14			Ariz.

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Insect and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Nysius minutus</i> —Continued					
<i>Portulaca oleracea</i> (purslane)	Mexico	2			Tex.
<i>Raphanus sativus</i> (radish)	do	8			Tex.
<i>Spinacia oleracea</i> (spinach)	do	1			Ariz.
<i>Nysius strigosus</i> Uhl. (Lygaeidae):					
<i>Chrysanthemum parthenium</i> (feverfew)	do	1			Tex.
<i>Medicago sativa</i> (alfalfa)	do	1			Tex.
<i>Oedancala bimaculata</i> (Dist.) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Oedionychis atroguttata</i> Jac. (Chrysomelidae):					
Orchid	do			4	Tex.
<i>Ogdoecosta catenulata</i> (Boh.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Olbrus submaculatus</i> Sharp (Phalaeridae):					
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Oosternum costatum</i> Sharp (Hydrophilidae):					
Orchid	do			1	Tex.
<i>Orectis rugosa</i> (Boh.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Orthezia cataphracta</i> Shaw (Coccidae):					
<i>Sedum</i> sp.	Greenland			1	Mass.
<i>Oxythyrea funesta</i> (Poda) (Scarabaeidae):					
Sand ballast	Algeria	2			Tex.
<i>Ozophora consanguineus</i> (Dist.) (Lygaeidae):					
Orchid	Mexico			1	Tex.
<i>Pachybrachis uteanus</i> Fall (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Ariz.
<i>Pachybrachius basalis</i> (Dallas) (Lygaeidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			La.
Orchid	Mexico			2	Tex.
<i>Pachybrachius servillei</i> (G.-M.) (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	Wash.
<i>Pachybrachius vinctus</i> (Say) (Lygaeidae):					
Airplane	Mexico		1		Tex.
<i>Ananas comosus</i> (pineapple)	do	1			Tex.
<i>Pachygontha oedancalodes</i> Stal (Lygaeidae):					
Orchid	do			3	Tex.
<i>Palaeopus costicollis</i> Marsh. (Curculionidae):					
<i>Dioscorea</i> sp. (yam)	Jamaica	3			Fla.,* N. Y., S. C.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
Soil around plant	Azores			1	N. J.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
<i>Lycaste</i> sp. (orchid)	Canal Zone			1	Tex.
<i>Parallelodiplosis cattleyae</i> Moll. (Itonididae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	Calif.*
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia japonica</i> (camellia)	Switzerland			1	N. Y.
<i>Parlatoria chinensis</i> (Marl.) (Coccidae):					
<i>Malus</i> sp.	Japan			1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime)	Paraguay	1			Fla.*
<i>Citrus sinensis</i> (orange)	Brazil, Marquesas Islands		2		Calif.,* Fla.*
<i>Parlatoria citri</i> McKenzie (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	New Guinea		1		Calif.*
<i>Citrus grandis</i> (pummelo)	Malaysia		1		Calif.*
<i>Parlatoria crotonis</i> Douglas (Coccidae):					
<i>Codineum</i> sp. (croton)	Jamaica	1			Fla.*
<i>Parlatoria oleae</i> (Colvee) (Coccidae):					
<i>Diospyros</i> sp. (persimmon)	Yugoslavia		1		N. Y.
<i>Malus sylvestris</i> (apple)	Italy		1		Pa.
<i>Pyrus communis</i> (pear)	Argentina, Italy	1	1		N. Y.
<i>Parlatoria pseudaspidiotis</i> (Lindg.) (Coccidae):					
<i>Cymbidium finlaysonianum</i> (orchid)	Philippines			1	Calif.*
Orchid	Soldier's mail			1	N. J.
<i>Vanda joaquimiae</i> (orchid)	Philippines			3	Calif.*
<i>Vanda teres</i>	India, Philippines, soldier's mail			12	Calif.,* N. J.
<i>Vanda</i> sp.	Canal Zone, Philippines			2	Calif.,* Tex.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,
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		Consump- tion	Nonentry	Propaga- tion	
<i>Parlatoria theae</i> Ckll. (Coccidae):					
<i>Acer palmatum</i> (Japanese maple)	Japan			2	Calif.*
<i>Acer</i> sp.	do			2	Calif.* N. J.
<i>Malus</i> sp.	do			1	Calif.*
<i>Prunus</i> sp.	do			1	Wash.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus reticulata</i> (tangerine)	Algeria, China				Calif.,* Pa.
<i>Citrus sinensis</i> (orange)	Spain			1	Calif.*
<i>Citrus</i> sp.	China			1	Calif.*
<i>Pectinophora gossypiella</i> (Saund.) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton boll)	Bahamas, Hawaii	2	1	1	Calif.,* Fla.*
<i>Gossypium</i> sp. (cotton: gin motes)	Argentina	1			Tex.
<i>Gossypium</i> sp. (cotton lint)	do	1			Tex.
<i>Gossypium</i> sp. (cottonseed)	Brazil, China (?), Cuba, Egypt, Hawaii, Mex- ico, soldier's mail.	14			Calif.,* Fla.,* Minn., N. Y., Ohio, Tex.
<i>Gossypium</i> sp. (seed cotton)	Mexico, soldier's mail	2			Fla.,* Tex.
<i>Gossypium</i> sp. (cotton)	Bahamas	1			Fla.*
<i>Hibiscus esculentus</i> (okra)	Panama, Puerto Rico	1	1		Fla.,* Mass.
<i>Pentodon punctatus</i> (Vill.) (Scarabaeidae):					
Sand ballast	Italy	1			Tex.
<i>Peregrinus maidis</i> (Ashm.) (Araeopidae):					
<i>Zea mays</i> (corn)	Mexico	1			Tex.
<i>Phaenias maxima</i> (Lef.) (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Apium graveolens</i> (celery)	Mozambique		1		Mass.
<i>Phenacaspis sandwicensis</i> Fullaway (?) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	3			Calif.*
<i>Phenacoccus gossypii</i> Towns. & Ckll. (Coccidae):					
<i>Pelargonium</i> sp. (geranium)	Mexico	1		2	Ariz., Tex.
<i>Phylctinus callosus</i> Boh. (Curculionidae):					
<i>Malus sylvestris</i> (apple)	Union of South Africa	1			Mass.
<i>Vitis</i> sp. (grape)	do	1			Mass.
<i>Phyllobius pyri</i> (L.) (Curculionidae):					
<i>Agropyron repens</i> (quack grass)	Belgium	1			N. Y.
<i>Phyllotreta cruciferae</i> (Goeze) (Chrysomelidae):					
<i>Brassica oleracea botrytis</i> (cauli flower)	Italy		1		N. Y.
<i>Brassica oleracea capitata</i> (cabbage)	England		1		Pa.
<i>Physonota mexicana</i> Boh. (Chrysomelidae):					
Orchid	Mexico			1	Ariz.
<i>Phytomyza ilicis</i> Curt. (Agromyzidae):					
<i>Ilex aquifolium</i> (English holly)	British Columbia	1			Ohio
<i>Ilex</i> sp. (holly)	do	1		1	Minn., Wash.
<i>Pinnaspis buzi</i> (Bouche) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Calif.*
Orchid	New Guinea, South Pacific			2	Calif.*
<i>Pityophthorus cribratus</i> Blkm. (Scolytidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Pinus</i> sp. (pine)	do	1			Ariz.
Unidentified bark	do	1			Ariz.
<i>Pityophthorus durus</i> Blkm. (Scolytidae):					
<i>Pinus</i> sp. (pine)	do	2			Ariz.
<i>Placosternus difficilis</i> (Chevr.) (Cerambycidae):					
Groceries	do	1			Tex.
<i>Plagioder aeneiventris</i> Stal (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Plagioder semivittata</i> Stal (Chrysomelidae):					
Orchid	do			1	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
<i>Platynota stultana</i> (Wlsm.) (Tortricidae):					
<i>Beta vulgaris cicla</i> (Swiss chard)	do	1			Tex.
<i>Capsicum frutescens</i> (pepper)	do	97			Ariz., Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	22			Ariz.
<i>Phaseolus</i> sp. (string bean)	do	1			Ariz.

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<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Brosimum alicastrum</i> (ramon breadnut tree)	Guatemala	1			Calif.*
<i>Cyrtax donnell-smithi</i> (primavera)	Guatemala, Mexico	5			Calif.,* La.
<i>Guajacum officinale</i> (lignum vitae)	Guatemala	1			Calif.*
Hardwood log	Mexico	1			Calif.*
Unidentified log	Guatemala, Mexico	3			Calif.,* Tex., Wash.
Unidentified wood	Mexico	1			Ariz.
<i>Pnyzia scabiei</i> (Hopk.) (Fungivoridae):					
<i>Lilium longiflorum</i> (Easter lily)	do			5	Tex.
<i>Lilium</i> sp.	do			3	Tex.
" <i>Poliaspis</i> " <i>pini</i> Mask. (Coccidae):					
<i>Pinus</i> sp. (pine)	Japan			2	N. J., Wash.
<i>Poronotus constrictus</i> (Stal) (Anthocoridae):					
Bamboo	Mexico	1			Ariz.
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	Calif.*
Straw hat	Service mail	1			Wash.
<i>Prodenia ornithogalli</i> Gn. (Phalaenidae): *					
<i>Gladiolus</i> sp.	Mexico	1			Tex.
<i>Prosopodonta batyi</i> Weise (Chrysomelidae):					
Orchid	Costa Rica			1	Tex.
<i>Protoperipatus pyriformis</i> Ckll. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Costa Rica, Cuba, Puerto Rico, Venezuela.	21	2		Fla.*
<i>Rosa</i> sp.	Venezuela	1			Fla.*
<i>Sanchezia</i> sp.	Trinidad	1			Fla.*
<i>Pseudaonia tesserata</i> (de Charmoy) (Coccidae):					
<i>Bougainvillea</i> sp.	Salvador			1	D. C.
<i>Cattleya trianae</i> (orchid)	Colombia			1	Calif.*
<i>Pseudaonia trilobitiformis</i> Green (Coccidae):					
<i>Prunus</i> sp.	British Guiana	1			Fla.*
<i>Pseudoschnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya skinneri</i> (orchid)	Costa Rica, Guatemala			3	Calif.,* Tex.
<i>Cattleya skinneri alba</i>	Costa Rica			1	N. J.
<i>Cattleya</i> sp.	do			1	N. J.
<i>Cymbidium</i> sp. (orchid)	Mexico			1	Tex.
<i>Epidendrum fragrans</i> (orchid)	do			1	Calif.*
<i>Epidendrum</i> sp.	Nicaragua, Orient.			5	Calif.,* N. J.
Orchid	Mexico			2	Tex.
<i>Pseudoschnaspis bouveyi</i> (Ckll.) (Coccidae):					
<i>Psidium guajava</i> (guava)	Puerto Rico	1			Fla.*
<i>Rosa</i> sp.	do	1			Fla.*
<i>Pseudococcus boninensis</i> (Kuw.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane)	Cuba			2	Fla.*
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii, South Pacific, Ulithi.	5	1	1	Calif.*
<i>Cocos</i> sp. (palm)	Hawaii			1	Calif.*
<i>Pseudoparlatoria ostreata</i> (Ckll.) (Coccidae):					
<i>Bryophyllum</i> sp.	Jamaica			1	N. J.
<i>Carica papaya</i> (papaya)	Cuba			1	Fla.*
<i>Cattleya bouringiana</i> (orchid)	Guatemala			1	Calif.*
<i>Cattleya gaskelliana</i>	Venezuela			2	Calif.*
<i>Cattleya mossiae</i>	do			1	Calif.*
<i>Cattleya pereziana</i>	do			1	Calif.*
<i>Epidendrum pentotis</i>	Guatemala			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	do			1	Calif.*
<i>Lycaste skinneri</i> (orchid)	do			1	Calif.*
<i>Odontoglossum grande</i> (orchid)	do			3	Calif.*
<i>Oncidium cavendishianum</i> (orchid)	do			2	Calif.*
<i>Oncidium ventworthianum</i> (orchid)	do			1	Calif.*
<i>Pseudoparlatoria serrulata</i> Towns. & Ckll. (Coccidae):					
Succulent stem	Mexico			1	N. J.
<i>Psila rosae</i> (F.) (Psilidae):					
<i>Apium graveolens</i> (celery)	Norway			1	Pa.
<i>Daucus carota sativa</i> (carrot)	England			3	Ala., N. Y., Tex.

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<i>Psychoda alternata</i> Say (Psychodidae):					
<i>Lathyrus odoratus</i> (sweetpea)	Mexico	1			Tex.
Plant litter	do.		2		Tex.
<i>Psychoda severini</i> Tonm. (Psychodidae):					
<i>Colocasia esculenta</i> (inhame)	Portugal	1			N. Y.
<i>Solanum tuberosum</i> (potato)	England		1		Pa.
<i>Psylliodes chrysocephala</i> F. (Chrysomelidae):					
<i>Brassica napobrassica</i> (rutabaga)	do.		1		Mass.
<i>Brassica rapa</i> (turnip)	do.		3		N. Y., Pa.
<i>Ptenidium fuscicornis</i> Er. (Ptiliidæ):					
<i>Galanthus</i> sp.	do.			1	Calif.*
<i>Ptinus ocellus</i> Brown (Ptinidae):					
<i>Cattleya dowiana</i> (orchid)	Costa Rica			1	Calif.*
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Costa Rica, Cuba, Mexico, Puerto Rico	4			Fla.,* Tex.
<i>Psidium guajava</i> (guava)	Puerto Rico	2			Fla.*
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper)	Spain		1		Pa.
<i>Pyroderces stigmatophora</i> (Wlsm.) (Cosmopterygidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	2			N. Y.
<i>Renocis meriacus</i> Bkm. (Scolytidae):					
Pottery	Mexico	1			Tex.
Wooden crate	do.	3			Ariz., Tex., Wash.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Crataegus</i> sp. (teocote)	do.	1			Ariz.
<i>Malus sylvestris</i> (apple)	do.		1		Tex.
<i>Rhagoletis striatella</i> Wulp (Tephritidae):					
<i>Physalis</i> sp. (husk tomato)	do.	18			Tex.
<i>Rhopalophora incrustata</i> Chevr. (Cerambycidae):					
Unidentified wood	do.	2			Mass.
<i>Rhopalosiphoninus latysiphon</i> (David.) (Aphidae):					
<i>Gladiolus</i> sp.	Netherlands			1	N. J.
<i>Tulipa</i> sp.	England, Netherlands			4	N. J., N. Y., Wash.
<i>Viola</i> sp. (violet)	England			1	N. J.
<i>Rhopalosiphoninus tulipae</i> (Theob.) (Aphidae):					
<i>Gladiolus</i> sp.	Netherlands			1	Calif.*
<i>Iris</i> sp.	England			1	N. J.
<i>Tigridia</i> sp.	Netherlands	1			Pa.
<i>Tulipa</i> sp.	Belgium, England (?), Netherlands		1	4	Calif.,* N. J., Ohio, Pa., Wash.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	17	1		La., N. Y., Tex.
<i>Scaphidium mexicanum</i> Cast. (Scaphidiidae):					
Orchid	Mexico			2	Tex.
<i>Scaphidium variabile</i> Matth. (Scaphidiidae):					
<i>Cattleya</i> sp. (orchid)	do.			1	Tex.
<i>Lycaste</i> sp. (orchid)	Guatemala			1	Calif.*
Orchid	Mexico			3	Tex.
<i>Scarabaeus semipunctatus</i> F. (Scarabaeidae):					
Sand ballast	Algeria	1			Tex.
<i>Scolopocerus uhleri</i> Dist. (Coreidae):					
<i>Gossypium</i> sp. (cotton)	Mexico	1			Tex.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Theobroma cacao</i> (cacao)	Grenada	1			Fla.*
<i>Setomorpha insectella</i> (F.) (Tineidae):					
<i>Annona glabra</i> (pond-apple)	British Honduras			1	La.
<i>Setomorpha rutella</i> Zell. (Tineidae):					
<i>Cajanus cajan</i> (pigeonpea)	Jamaica	1			N. Y.
<i>Capsicum frutescens</i> (pepper)	Barbados	1			Mass.
<i>Cattleya mossiae</i> (orchid)	Venezuela			1	P. R.
<i>Cattleya</i> sp.	Colombia			1	N. J.
<i>Dahlia</i> sp.	Australia			1	Calif.*
<i>Dioscorea</i> sp. (yam)	St. Vincent	1			N. Y.
<i>Galanthus</i> sp.	Netherlands			1	N. Y.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946,
inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Setomorphia rutella</i> —Continued					
<i>Gladiolus</i> sp.	Mexico	1		1	Tex.
Herb.	Puerto Rico	1			N. Y.
<i>Lilium longiflorum</i> (Easter lily)	Mexico			1	Tex.
Orchid	do			1	Tex.
<i>Solanum tuberosum</i> (potato)	do		1		Tex.
<i>Sinorylon anale</i> Les. (Bostrichidae):					
<i>Oryza sativa</i> (rice)	India	1			N. Y.
Unidentified wood	do	1			N. J.
<i>Sinorylon conigerum</i> Gerst. (Bostrichidae):					
<i>Samanea saman</i> (raintree saman)	Hawaii	1			Calif.*
<i>Sinorylon sexdentatum</i> (Oliv.) (Bostrichidae):					
Unidentified wood	Morocco, Portugal	2			N. Y.
<i>Sitona cambricus</i> Steph. (Curculionidae):					
<i>Ornithopus sativus</i> (serradella)	Portugal			1	D. C.
<i>Sitona lineola</i> (L.) (Curculionidae):					
<i>Narcissus</i> sp.	Netherlands			2	N. Y.
<i>Sizeonotus areolatus</i> Knight (Miridae):					
<i>Lactuca sativa</i> (lettuce)	Mexico	1			Tex.
<i>Sizeonotus luteiceps</i> Reuter (Miridae):					
Cactus	do			25	Tex.
<i>Mammillaria</i> sp. (cactus)	do			1	Tex.
<i>Sosylus terminalis</i> Sharp (Colydiidae):					
<i>Cybistax donnell-smithi</i> (primavera)	Guatemala	1			Calif.*
<i>Specularius erythraeus</i> Bridw. (Bruchidae):					
<i>Erythrina caffra</i> (coralbean)	Union of South Africa			1	N. J.
<i>Stegasta bosquella</i> (Chamb.) (Gelechiidae):					
<i>Pisum sativum</i> (pea)	Mexico			1	Tex.
<i>Stenomoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Mexico, Guatemala, Salvador.	9	1		La., Tex.
<i>Stenomarsus globosus</i> (Guer.) (Endomychidae):					
<i>Catleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Stephanoderes guatemalensis</i> Hopk. (Scolytidae):					
Bean	Honduras	1			Ala.
<i>Stephanoderes lecontei</i> Hopk. (Scolytidae):					
<i>Arthrostygidium racemiforme</i> (bamboo)	Mexico	2			Ariz.
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Sternonchus mangiferae</i> F. (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii	1		2	Calif.*
<i>Mangifera</i> sp.	do	1			Calif.*
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			N. Y.
<i>Lavandula</i> sp. (lavender)	Canada	1			Wash.
<i>Sorbus</i> sp. (mountain ash)	Scotland	1			N. Y.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Scotland	4			Ga., Md., N. Y.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Gardenia augusta</i> (Cape-jasmine)	Hawaii	1			Calif.*
<i>Heliconia collinsiana</i>	do	1			Calif.*
<i>Taeniothrips simplex</i> (Morg.) (Thripidae):					
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Dianthus</i> sp. (carnation)	Mexico, Puerto Rico, Venezuela.	6			Fla.,* Tex.
<i>Gladiolus</i> sp.	Argentina, Canada, Mexico.	14	48		La., N. J., N. Y., Tex.
<i>Iris</i> sp.	Mexico	1			La.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya)	do	3			Tex.
<i>Tanymecus confusus</i> (Say) (Curculionidae):					
<i>Cichorium endivia</i> (endive)	do	1			Tex.
" <i>Targionia</i> " <i>bromiliae</i> (Leon.) (Coccidae):					
<i>Ananas comosus</i> (pineapple)	do	30			Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam)	Antigua, Cuba, Jamaica, Virgin Islands.	4			Fla.,* N. Y.
<i>Xanthosoma</i> sp. (yautia)	Virgin Islands.	1			N. Y.
<i>Zingiber officinale</i> (ginger)	Barbados, St. Vincent	3			N. Y.

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

[An asterisk indicates State inspection]

Insect and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
"Targionia" quohogiformis Merrill (Coccidae):					
Ilex sp.	Okinawa.			1	Wash.
Targionia sacchari (Ckll.) (Coccidae):					
Saccharum officinarum (sugarcane)	Cuba, Haiti, Puerto Rico, soldier's mail.	10	1		Fla.*
Teleonemia scrupulosa Stal (Tingidae):					
Mentha sp. (mint)	Mexico.	1			Tex.
Tentecoris bicolor Scott (Miridae):					
Cattleya peruviana (orchid)	Venezuela			1	N. J.
Cattleya sp.	Brazil, Colombia, Venezuela.			20	N. J.
Cornus sp.	Netherlands.			1	N. J.
Laelia sp. (orchid)	Brazil			1	N. J.
Oncidium sp. (orchid)	do.			2	N. J.
Orchid	Brazil, Colombia	1		1	Fla.,* N. J.
Sophranitis grandiflora (orchid)	Brazil			1	N. J.
Tentecoris eritiosus (Dist.) (Miridae):					
Cattleya sp. (orchid)	Colombia			5	N. J., Tex.
Orchid	do.	1			Tex.
Termes panamaensis Snyder (Termitidae):					
Guajacum officinale (lignumvitae)	Mexico	1			Calif.*
Tetraleurodes fici Q. & B. (Aleyrodidae):					
Olmediella sp.	Guatemala			1	Calif.*
Tetraleurodes mori (Q.) (Aleyrodidae):					
Citrus sinensis (orange)	Mexico	2			Tex.
Citrus sp.	do.	6			Ariz., Tex.
Herb.	do.	1			Tex.
Psidium guajava (guava)	do.	2			Ariz.
Thevetia sp.	do.			1	Ariz.
Tetrapriocera longicornis (Oliv.) (Bostrichidae):					
Unidentified wood	Cuba, Mexico	2			Tex.
Thrips angusticeps Uzel (Thripidae):					
Ranunculus sp.	France	1			N. Y.
Tetraleurodes vaporariorum (Westw.) (Aleyrodidae):					
Achmenes sp.	Canada			1	N. J.
Trichobaris championi Barber (Curculionidae):					
Physalis sp. (husk tomato)	Mexico	1			Tex.
Trichobaris mucorea (Lec.) (Curculionidae):					
Solanum melongena (eggplant)	do.	1			Ariz.
Trochoideus americanus Buq. (Endomychidae):					
Cattleya sp. (orchid)	Colombia			1	N. J.
Trogoscyon spinifrons Lesne (Lyctidae):					
Unidentified wood	India	2			N. J.
Tychius griseus Schaeff. (Curculionidae):					
Iris sibirica (Siberian iris)	Ontario			1	N. J.
Tychius inermis Csy. (Curculionidae):					
Zea mays (corn)	Mexico	1			Tex.
Unaspis citri (Comst.) (Coccidae):					
Citrus paradisi (grapefruit)	Cuba, Jamaica, Trinidad.	1	2		Fla.,* P. R.
Citrus sinensis (orange)	Costa Rica, Dominican Republic.	1	1		Fla.*
Vasseletia vasseletti (Boh.) (Brentidae):					
Cybatistax donnell-smithi (primavera)	Mexico	1			Calif.*
Vinsonia stellifera (Westw.) (Coccidae):					
Ancineta chrysantha	Canal Zone			1	Calif.*
Aspidia epidendroides (orchid)	do.			1	Calif.*
Aspidia principissa	do.			1	Calif.*
Bay (?)	Dominican Republic			1	Fla.*
Broughtonia sp. (orchid)	Jamaica			1	N. J.
Epidendrum anceps (orchid)	Canal Zone			1	Calif.*
Epidendrum atropurpureum	do.			1	Tex.
Epidendrum ciliare	Canal Zone, Panama			2	Calif.*
Epidendrum sp.	Canal Zone			1	Tex.
Lycaste dowiana (orchid)	do.			1	Tex.
Matillaria sp. (orchid)	do.			1	Calif.*
Musa paradisiaca sapientum (banana)	Dominican Republic, Puerto Rico.	1	1		Fla.,* N. Y.
Orchid	Canal Zone			1	Calif.*

List of pests (insects) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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		Consumption	Nonentry	Propagation	
<i>Vinsonia stellifera</i> —Continued					
<i>Peristeria elata</i> (orchid)	Canal Zone, Costa Rica			3	Calif.* Tex.
<i>Pleurothallis tridentata</i> (orchid)	Canal Zone			1	Calif.*
<i>Pleurothallis</i> sp.	do			2	Calif.*
<i>Trigonidium seemanni</i> (orchid)	Soldier's mail			1	N. J.
<i>Voria ruralis</i> (Fallen) (Larvaevoridae):					
<i>Brassica oleracea capitata</i> (cabbage)	Mexico	1			Tex.
<i>Xyllothrips subterraneus</i> Cwfd. (Phlaeothripidae):					
<i>Lilium</i> sp.	France			1	N. Y.
<i>Xyleborus affinis</i> Eichh. (Scolytidae):					
<i>Cybastax donnell-smithi</i> (primavera)	Mexico	2			N. Y. Tex.
<i>Gladiolus</i> sp.	do			1	
<i>Xyleborus confusus</i> Eichh. (Scolytidae):					
<i>Cedrus</i> sp. (cedar)	Canal Zone	1			N. Y.
<i>Cybastax donnell-smithi</i> (primavera)	Guatemala, Mexico	2			Calif.* N. Y.
<i>Erythrina micropteryx</i>	Dominican Republic	1			D. C.
Slat	Mexico	1			Tex.
Undetermined log	do	1			Calif.*
<i>Xylobiops parilis</i> Lesne (Bostrichidae):					
Bamboo	do	3			Ariz.
<i>Xylobiops texanus</i> (Horn) (Bostrichidae):					
<i>Allium cepa</i> (onion)	do	1			Tex.
<i>Citrus</i> sp.	do		1		Tex.
Palm	do		1		Tex.
<i>Pinus</i> sp. (pine)	do	1			Tex.
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Xylomeira torquata</i> (F.) (Bostrichidae):					
<i>Zea mays</i> (corn)	do	1			Tex.
<i>Zabrotes subfasciatus</i> (Boh.) (Bruchidae):					
Bean	Brazil, Curacao, Guatemala, Mexico.	25	2		Ala., Ariz., N. Y., Tex.
<i>Cajanus cajan</i> (pigeonpea)	Salvador			1	D. C.
<i>Chrysanthemum</i> sp.	Mexico	1			Tex.
<i>Lycopersicon esculentum</i> (tomato)	do	1			Tex.
Orchid	do			1	Tex.
<i>Persea americana</i> (avocado)	do	1			Tex.
<i>Phaseolus vulgaris</i> (kidney bean)	Peru			2	D. C.
<i>Phaseolus</i> sp. (?)	Salvador	1			Calif.*
<i>Zea mays</i> (corn)	Mexico	1			Tex.

Hosts and insects

ACACIA:

Acanthoscelides sellae (?) (Coleoptera)

ACANTHOCEREUS: See Cactaceae

ACER:

Parlatoria theae (Homoptera)

ACHIMENES:

Trialeurodes vaporariorum (Homoptera)

ACHERAS:

Anastrepha serpentina (Diptera)*Asterolecanium pustulans* (Homoptera)

AGARICUS:

Coreyra cephalonica (Lepidoptera)*Nemapogon granella* (Lepidoptera)

AGROPYRON:

Phyllobius pyri (Coleoptera)

ALLIUM CEPA:

Chaetopsis fulvifrons (Diptera)*Ligyrocortis aurivilliana* (Hemiptera)*Xylobiops texanus* (Coleoptera)

ALLIUM SATIVUM:

Aceria tulipae (Acarina)*Bitoma brevipes* (Coleoptera)

ANACARDIUM:

Anastrepha mombinpraeoptans (Diptera)

ANANAS:

Agallissus lepturoides (Coleoptera)*Alpheias conspirata* (Lepidoptera)*Chaetopsis debilis* (Diptera)*Ereunetis flavistriata* (Lepidoptera)*Exptochiomera minima* (Hemiptera)*Oedancala bimaculata* (Hemiptera)*Olibrus submaculatus* (Coleoptera)*Pachybrachius basalis* (Hemiptera)*Pachybrachius vinctus* (Hemiptera)*Pyroderces stigmatophora* (Lepidoptera)*Ribua innoxia* (Lepidoptera)

"Targionia" bromiliae (Homoptera)

ANCINETA:

Vinsonia stellifera (Homoptera)

ANEMONE:

Endrosia lactella (Lepidoptera)*Nemapogon granella* (Lepidoptera)

ANNONA:

Aspidiotus destructor (Homoptera)*Aspidiotus herculeanus* (Homoptera)*Asterolecanium pustulans* (Homoptera)*Setomorpha insectella* (Lepidoptera)*Talponia batesi* (Lepidoptera)

Hosts and insects—Continued

ANTHURIUM:

Chrysomphalus umboniferus (Homoptera)

APIUM:

Anuraphis apiifolia (Homoptera)
Pheidole megacephala (Hymenoptera)
Psila rosae (Diptera)

ARTHROSTYLIDUM:

Eucalandra setulosa (Coleoptera)
Stephanoderes lecontei (Coleoptera)

ARTOCARPUS:

Aspidiotus herculeanus (Homoptera)

ARUM:

Aleurothrixus floccosus (Homoptera)

ASPASIA: See Orchidaceae

BAMBOO:

Amphicerus cornutus (Coleoptera)
Asterolecanium bambusae (Homoptera)
Cyphosterna bicolor (Coleoptera)
Dialeurodes citri (Homoptera)
Dinoderus brevis (Coleoptera)
Dinoderus ocellaris (Coleoptera)
Eucalandra setulosa (Coleoptera)
Poronotus constrictus (Hemiptera)
Xylobius parilis (Coleoptera)

BEGONIA:

Endrosia lactella (Lepidoptera)

BETA VULGARIS:

Lygus elisus (Hemiptera)
Lygus rubicundus (Hemiptera)
Nysius minutus (Hemiptera)

BETA VULGARIS CICLA:

Nysius minutus (Hemiptera)
Platynota stultana (Hemiptera)

BOUGAINVILLEA:

Pseudonidia tessera (Homoptera)

BRASSAVOLA: See Orchidaceae

BRASSICA NAPOBRASSICA:

Ceutorhynchus pleurostigma (Coleoptera)
Psylliodes chrysocephala (Coleoptera)

BRASSICA OLERACEA ACEPHALA:

Baris laticollis (Coleoptera)

BRASSICA OLERACEA BOTRYTIS:

Eurydema ornatum (Hemiptera)

Evergestis rimosalis (Lepidoptera)

Phyllotreta cruciferae (Coleoptera)

BRASSICA OLERACEA CAPITATA:

Aleyrodes brassicae (?) (Homoptera)

Barathra brassicae (Lepidoptera)

Ceutorhynchus quadridens (Coleoptera)

Evergestis forficatis (Lepidoptera)

Forficula auricularia (Dermaptera)

Phyllotreta cruciferae (Coleoptera)

Voria ruralis (Diptera)

BRASSICA OLERACEA GONGYLODES:

Leucopocila albofasciata (Hemiptera)

BRASSICA RAPA:

Baris laticollis (Coleoptera)

Ceutorhynchus pleurostigma (Coleoptera)

Psylliodes chrysocephala (Coleoptera)

BRASSICA SP. (mustard):

Epilachna varivestis (Coleoptera)

Lygus elisus (Hemiptera)

Lygus hesperus (Hemiptera)

Lygus oblineatus (Hemiptera)

Lygus rubicundus (Hemiptera)

Nabis alternatus (Hemiptera)

Nysius minutus (Hemiptera)

BROMELIAD:

Asterolecanium epidendri (Homoptera)

BROSIMUM:

Kaloterms nigrinus (Isoptera)

Platypus rugulosus (Coleoptera)

BROUGHTONIA: See Orchidaceae

BRYOPHYLLUM:

Pseudoparlatoria ostreata (Homoptera)

CACTACEAE:

Anelaphus spurcus (Coleoptera)

Chelinidea vittiger aequoris (Hemiptera)

Eriococcus coccineus (Homoptera)

Gerstaeckeria mutillaria (Coleoptera)

Lepidosaphes phloeococcus (Homoptera)

Marmara opuntella (Lepidoptera)

Sisonotus luteiceps (Hemiptera)

CAESALPINIA:

Mimosestes dominicanus (Coleoptera)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)

Ancylostomia stercora (Lepidoptera)

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

Callosobruchus phaseoli (Coleoptera)

Catorama herbarium (Coleoptera)

Corcyra cephalonica (Lepidoptera)

Fundella pellucens (Lepidoptera)

Heliothis subfleza (Lepidoptera)

Maruca testulalis (Lepidoptera)

Setomorpha rutella (Lepidoptera)

Zabrotes subfasciatus (Coleoptera)

CALANTHUS:

Ptenidium fuscicorne (Coleoptera)

CALLUNA:

Niptus hololeucus (Coleoptera)

Taeniothrips atratus (Thysanoptera)

Taeniothrips ericae (Thysanoptera)

CAMELLIA:

Parlatoria camelliae (Homoptera)

CAPSICUM:

Arvelius albopunctatus (Hemiptera)

Ceratocapsus punctulatus (Hemiptera)

Dacus cucurbitae (Diptera)

Epilachna varivestis (Coleoptera)

Epirix fasciatus (Coleoptera)

Eryptochomera minima (Hemiptera)

Gnorimoschema gudmannella (Lepidoptera)

Marcua testulalis (Lepidoptera)

Platynota stultana (Lepidoptera)

Pyrausta nubilalis (Lepidoptera)

Setomorpha rutella (Lepidoptera)

CARICA:

Dacus cucurbitae (Diptera)

Pseudoparlatoria ostreata (Homoptera)

CASIMIROA:

Anastrepha ludens (Diptera)

CASSIA:

Aganactes indecora (Lepidoptera)

Carydton fuscus (Coleoptera)

CASTANEA:

Iridomyrmex humilis (Hymenoptera)

Laspeyresia splendana (Lepidoptera)

Nicobium castaneum hirtum (Coleoptera)

CATTLEYA: See Orchidaceae

CEDRUS:

Xyleborus confusus (Coleoptera)

CEREUS: See Cactaceae

CHIONODOXA:

Hofmannophila pseudospretella (Lepidoptera)

CHRYSAETHIUM:

Frankliniella minuta (Thysanoptera)

Glyptina nivalis (Coleoptera)

Nysius strigosus (Hemiptera)

Taeniothrips simplex (Thysanoptera)

Zabrotes subfasciatus (Coleoptera)

CIBOTIUM:

Dryophthorus pusillus (Coleoptera)

CICER:

Callosobruchus chinensis (Coleoptera)

Callosobruchus maculatus (Coleoptera)

CICHOBIUM:

Tanymecus confusus (Coleoptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)

Aleurothrixus floccosus (Homoptera)

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Parlatoria cinerea (Homoptera)

Parlatoria citri (Homoptera)

CITRUS AURANTIUM:

Anastrepha ludens (Diptera)

CITRUS GRANDIS:

Parlatoria citri (Homoptera)

CITRUS LIMON:

Ceratitis capitata (Diptera)

CITRUS PARADISI:

Anastrepha fraterculus (Diptera)

Anastrepha ludens (Diptera)

Ceratitis capitata (Diptera)

Ceroplastes floridensis (Homoptera)

Dialeurodes citrifolii (Homoptera)

Leucaspis cockerelli (Homoptera)

Unaspis citri (Homoptera)

Hosts and insects—Continued

- CITRUS RETICULATA:**
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Parlatoria zizyphus (Homoptera)
- CITRUS SINENSIS:**
Anastrepha fraterculus (?) (Diptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Chionaspis yanensis (Homoptera)
Gymnandrosoma aurantianum (?) (Lepidoptera)
Leucaspis cockerelli (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
Parlatoria zizyphus (Homoptera)
Tetraleurodes mori (Homoptera)
Unaspis citri (Homoptera)
- CITRUS SP.:**
Aleurocanthus woglumi (Homoptera)
Dialeurodes citrifolii (Homoptera)
Parlatoria zizyphus (Homoptera)
Tetraleurodes mori (Homoptera)
Xylobiops texanus (Coleoptera)
- COCOS:**
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus excisus (Homoptera)
Aspidiotus palmarum (Homoptera)
Aspidiotus spinosus (Homoptera)
Chrysomphalus personatus (Homoptera)
Diocalandra taitensis (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Furcaspis oceanica (Homoptera)
Leucaspis cockerelli (Homoptera)
Phenacaspis sandwicensis (?) (Homoptera)
Pinnaspis buxi (Homoptera)
Pseudococcus palmarum (Homoptera)
- CODIAEUM:**
Conchaspis angraci (Homoptera)
Lepidosaphes tokionis (Homoptera)
Parlatoria crotonis (Homoptera)
- COFFEA:**
Leucoptera coffeella (Lepidoptera)
- COLOCASIA:**
Psychoda severini (Diptera)
- CORDIA:**
Bitoma unicolor (?) (Coleoptera)
- CORNUS:**
Tenthecoris bicolor (Hemiptera)
- COTONEASTER:**
Ceroplastes floridensis japonicus (Homoptera)
- CRASSULACEAE:**
Aspidiotus herculeanus (Homoptera)
- CRATAEGUS:**
Rhagoletis pomonella (Diptera)
- CROCUS:**
Myzus duffieldii (Homoptera)
- CUCUMIS:**
Dacus cucurbitae (Diptera)
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)
- CUCURBITA:**
Arvelius albopunctatus (Hemiptera)
Dacus cucurbitae (Diptera)
Diaphania hyalinata (Lepidoptera)
Diaphania nitidalis (Lepidoptera)
- CYBISTAX:**
Acanthoderes circumflexa (Coleoptera)
Aulonium bidentatum (Coleoptera)
Brentus anchorago (Coleoptera)
Brentus mexicanus (Coleoptera)
Colosternus conspuratus (Coleoptera)
Platypus rugulosus (Coleoptera)
Sosylus terminalis (Coleoptera)
Vasseletia vasseleti (Coleoptera)
Xyleborus affinis (Coleoptera)
Xyleborus confusus (Coleoptera)
- CYDONIA:**
Anastrepha ludens (Diptera)
- CYMBIDIUM.** See Orchidaceae
- CYPRIPEDIUM.** See Orchidaceae
- CYTISUS:**
Bruchidius villosus (Coleoptera)
- DAHLIA:**
Amorbia emigratella (Lepidoptera)
Setomorpha rutella (Lepidoptera)
- DAISY:**
Lygus sallei (Hemiptera)
- DAPHNE:**
Lathridius nodifer (Coleoptera)
- DAUCUS:**
Agromyza virens (Diptera)
Conotrachelus seniculus (Coleoptera)
Psila rosae (Diptera)
- DENDROBIUM.** See Orchidaceae
- DIANTHUS:**
Anuraphis helichrysi (Homoptera)
Frankliniella cephalica (Thysanoptera)
Frankliniella insularis (Thysanoptera)
Frankliniella minuta (Thysanoptera)
Haplothrips cottei (Thysanoptera)
Lygus sallei (Hemiptera)
Taeniothrips simplex (Thysanoptera)
- DIOSCOREA:**
Palaeopus costicollis (Coleoptera)
Setomorpha rutella (Lepidoptera)
"Targionia" hartii (Homoptera)
- DIOSPYROS:**
Parlatoria oleae (Homoptera)
- DOLICHOS:**
Callosobruchus phaseoli (Coleoptera)
- EPIDENDRUM.** See Orchidaceae
- ERIOBOTRYA:**
Ceratitis capitata (Diptera)
- ERYTHRINA:**
Specularius erythrinae (Coleoptera)
Xyleborus confusus (Coleoptera)
- EUGENIA:**
Ceratitis capitata (Diptera)
- EXOGENIUM:**
Cryphalomorphus jalappae (Coleoptera)
- FICUS:**
Lepidosaphes ficus (Homoptera)
- FRAXINUS:**
Leperisinus fraxini (Coleoptera)
- GALANTHUS:**
Setomorpha rutella (Lepidoptera)
- GARDENIA:**
Aleurothrixus myrtacei (Homoptera)
Anuraphis helichrysi (Homoptera)
Aonidiella citrina (Homoptera)
Ceroplastes floridensis (Homoptera)
Coccus viridis (Homoptera)
Eucalyptus tessellatus (Homoptera)
Frankliniella cephalica (Thysanoptera)
Frankliniella insularis (Thysanoptera)
Protopulvinaria pyriformis (Homoptera)
Pulvinaria pidi (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- GLADIOLUS:**
Atheas fuscipes (Hemiptera)
Collops bipunctatus (Coleoptera)
Estigmene acrea (Lepidoptera)
Frankliniella bratleyi (Thysanoptera)
Frankliniella cephalica (Thysanoptera)
Frankliniella minuta (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Hofmannophila pseudospretella (Lepidoptera)
Lathridius nodifer (Coleoptera)
Prodenia ornithogalli (Lepidoptera)
Rhopalosiphoninus latysiphon (Homoptera)
Rhopalosiphoninus tulipae (Homoptera)
Setomorpha rutella (Lepidoptera)
Taeniothrips simplex (Thysanoptera)
Xyleborus affinis (Coleoptera)
- GOSSYPIUM:**
Catorama tabaci (Coleoptera)
Conotrachelus seniculus (Coleoptera)
Coryca cephalonica (Lepidoptera)
Daene bipustulata (Coleoptera)
Exptochiomeria oblonga (Hemiptera)
Pectinophora gossypiella (Lepidoptera)
Scolopocerus uhleri (Hemiptera)
- GRAMMATOPHYLLUM.** See Orchidaceae
- GUAJACUM:**
Cryptotermes cavifrons (Isoptera)
Kaloterms clevelandi (Isoptera)
Kaloterms jouletii (Isoptera)
Kaloterms snyderti (Isoptera)
Neoclytus caccius (Coleoptera)
Platypus rugulosus (Coleoptera)
Termes panamaensis (Isoptera)

Hosts and insects—Continued

GYPSOPHILA:

- Anuraphis helichrysi* (Homoptera)
Caulophilus latinasus (Coleoptera)

HELENIUM:

- Hofmannophila pseudospretella* (Lepidoptera)

HELICONIA:

- Taeniothrips hawaiiensis* (Thysanoptera)

HIBISCUS:

- Asterolecanium pustulans* (Homoptera)
Crocosema plebeiana (Lepidoptera)
Pectinophora gossypiella (Lepidoptera)

HYACINTHUS:

- Eumerus tuberculatus* (Diptera)
Forficula auricularia (Dermaptera)
Hofmannophila pseudospretella (Lepidoptera)
Lathridius nodifer (Coleoptera)

ILEX:

- Phytomyza ilicis* (Diptera)
"Targionia" quohogiformis (Homoptera)

IPOMOEA:

- Cryphalamorphus jalappae* (Coleoptera)
Cylas formicarius (Coleoptera)
Cylas formicarius elegantulus (Coleoptera)
Cylas formicarius formicarius (Coleoptera)
Cylas formicarius (subspecies unknown)
Euscepes postfasciatus (Coleoptera)

IRIS:

- Endrosis lactella* (Lepidoptera)
Rhopalosiphoninus tulipaellus (Homoptera)
Taeniothrips simplex (Thysanoptera)
Tychius griseus (Coleoptera)

JASMINUM:

- Aonidiella inornata* (Homoptera)

JUNIPERUS:

- Lepidosaphes pallida* (Homoptera)

KHAYA:

- Coptotermes sjostedti* (Isoptera)
Cordylomera spinicornis (?) (Coleoptera)
Minthea rugicollis (Coleoptera)

LACTUCA:

- Aceratagallia gillettei* (Homoptera)
Agrotis ypsilon (Lepidoptera)
Conotrachelus leucophaeatus (Coleoptera)
Empoasca solana (Homoptera)
Frankliniella cephalica (Thysanoptera)
Leucopocila albofasciata (Hemiptera)
Ligyrocoris abdominalis (Hemiptera)
Liorhysus hyalinus (Hemiptera)
Lygus oblineatus (Hemiptera)
Nysius minutus (Hemiptera)
Sizeonotus areolatus (Hemiptera)

LAELIA. See Orchidaceae

LATHYRUS:

- Bruchus tristis* (Coleoptera)
Psychoda alternata (Diptera)

LAVANDULA:

- Taeniothrips atratus* (Thysanoptera)

LEGUMINOSAE:

- Callosobruchus maculatus* (Coleoptera)

LEMAIREOCEREUS. See Cactaceae

LEPTOSPERMUM:

- Hofmannophila pseudospretella* (Lepidoptera)

LILIUM:

- Amorbia emigratella* (Lepidoptera)
Aphis medicaginis (Homoptera)
Forcipomyia raleighi (Diptera)
Liothrips vaneeckei (Thysanoptera)
Phyza scabiei (Diptera)
Selomorpha rutella (Lepidoptera)
Xylaplothrips subterraneus (Thysanoptera)

LITCHI:

- Lepidosaphes punicea* (Homoptera)

LYCASTE. See Orchidaceae

LYCOPERSICON:

- Ceratitis capitata* (Diptera)
Conotrachelus seniculus (Coleoptera)
Dacus cucurbitae (Diptera)
Epitrix fasciata (Coleoptera)
Epitrix hirtipennis (Coleoptera)
Estigmene acrea (Lepidoptera)
Erpochiomeria oblonga (Hemiptera)
Geonethus semilevis (Hemiptera)
Gnorimoschisma guadamella (Lepidoptera)
Leucinodes elegantulus (Lepidoptera)
Leucopocila albofasciata (Hemiptera)
Ligyrocoris aurivilliana (Hemiptera)

LYCOPERSICON—Continued

- Lineodes integra* (Lepidoptera)
Liriomyza pusilla (Diptera)
Lygaeus analis (Hemiptera)
Pachybrachis utamius (Coleoptera)
Pityophthorus cribratus (Coleoptera)
Platynota rostrana (Lepidoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

MAGNOLIA:

- Endrosis lactella* (Lepidoptera)

MALUS:

- Anastrepha ludens* (Diptera)
Ceroplastes floridensis (Homoptera)
Ceroplastes rubens (?) (Homoptera)
Epidiaspis piricola (?) (Homoptera)
Grapholitha molesta (Lepidoptera)
Parlatoria chinensis (Homoptera)
Parlatoria oleae (Homoptera)
Parlatoria theae (Homoptera)
Phylctinus callosus (Coleoptera)
Rhagoletis pomonella (Diptera)

MAMMEA:

- Anastrepha serpentina* (Diptera)
Aspidiotus diffinis (Homoptera)
Aspidiotus spinosus (Homoptera)

MAMMILLARIA. See Cactaceae

MANGIFERA:

- Aleurocanthus woglumi* (Homoptera)
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Aspidiotus destructor (Homoptera)
Aulacaspis mangiferae (Homoptera)
Chrysomphalus personatus (Homoptera)
Coccus mangiferae (Homoptera)
Dacus dorsalis (?) (Diptera)
Sternonchus mangiferae (Coleoptera)

MANIHOT:

- Lepidosaphes alba* (Homoptera)

MAURANDIA:

- Corimelaena incognita* (Hemiptera)

MAXILLARIA. See Orchidaceae

MECONOPSIS:

- Hofmannophila pseudospretella* (Lepidoptera)

MEDICAGO:

- Nysius stripus* (Hemiptera)

MENTHA:

- Teleonemia scrupulosa* (Hemiptera)

MEROSTACHYS:

- Eucalandra setulosa* (Coleoptera)

- Stephanoderes lecontei* (Coleoptera)

MILTONIA. See Orchidaceae

MONSTERA:

- Aspidiotus spinosus* (Homoptera)

MUSA:

- Aspidiotus destructor* (Homoptera)
Aspidiotus palmarum (Homoptera)
Chrysomphalus albopictus (Homoptera)
Ereunetis flavistriata (Lepidoptera)
Vinsonia stelfiifera (Homoptera)

MYRTILLOCACTUS. See Cactaceae

NARCISSUS:

- Enicmus minutus* (Coleoptera)
Forficula auricularia (Dermaptera)
Sitona lineata (Coleoptera)

NERIUM:

- Aphis nerii* (Homoptera)
Asterolecanium pustulans (Homoptera)
Morganella longispina (Homoptera)

ODONTIODA. See Orchidaceae

ODONTOGLOSSUM. See Orchidaceae

OLEA:

- Aleurolobus olivinus* (?) (Homoptera)
Aonidiella maclei (Homoptera)
Dacus oleae (Diptera)

OLMEDIELIA:

- Tetraleurodes ficis* (Homoptera)

ONCIDIUM. See Orchidaceae

OPUNTIA. See Cactaceae

ORCHIDACEAE:

- Acroleucus vicinalis* (Hemiptera)
Anaphothrips orchidaceus (Thysanoptera)
Anaphothrips orchidii (Thysanoptera)
Anuraphis helichrysi (Homoptera)
Aphetea inconspicua (Homoptera)
Aspidiotus mendax (Homoptera)

Hosts and insects—Continued

ORCHIDACEAE—Continued

Aspidiotus palmae (Homoptera)
Asterolecanium epidendri (Homoptera)
Asterolecanium pustulans (Homoptera)
Attelabus corvinus (Coleoptera)
Calligrapha labyrinthica (Coleoptera)
Calligrapha pantherina (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Capaneus odiosus (Hemiptera)
Capaneus tetricus (Hemiptera)
Ceratopseus apicalis (Hemiptera)
Chrysomphalus perseae (Homoptera)
Chrysomphalus tenax (Homoptera)
Chrysomphalus umboniferus (Homoptera)
Clerada apicicornis (Hemiptera)
Coccus pseudohesperidum (Homoptera)
Conchaspis angraei (Homoptera)
Coproporus pulchellus (Coleoptera)
Corimelaena alticola (Hemiptera)
Corizidea longigera (Hemiptera)
Crophius scabrosus (Hemiptera)
Cryphula affinis (Hemiptera)
Cryphula trimaculata (Hemiptera)
Diorymerellus laevimargo (Coleoptera)
Elytroleinus subtruncatus (Coleoptera)
Enicmus minutus (Coleoptera)
Epilachna varivestis (Coleoptera)
Epilachna varivestis varipes (Coleoptera)
Eucactophagus aurocinctus (Coleoptera)
Eurycypitia vestitus (Hemiptera)
Eurytoma orchidearum (Hymenoptera)
Exitianus obscurinervis (Homoptera)
Exptochioma minima (Hemiptera)
Exptochioma oblonga (Hemiptera)
Exptochioma tumens (Hemiptera)
Frankliniella minuta (Thysanoptera)
Fulvius fuscans (Hemiptera)
Furcaspis bifornis (Homoptera)
Galgupha caeruleascens (Hemiptera)
Galgupha punctifer (Hemiptera)
Iridomyrmex iniquus (Hymenoptera)
Iridomyrmex iniquus nigella (Hymenoptera)
Lathridius nodifer (Coleoptera)
Lema quinquenotata (Coleoptera)
Lepidosaphes tuberculata (Homoptera)
Leucaspis cockerelli (Homoptera)
Ligyrocoris litiginosus (Hemiptera)
Lygaeus vitticulus (Hemiptera)
Macrocephalus stali (Hemiptera)
Minthea rugicollis (Coleoptera)
Mordellistena cattleyana (Coleoptera)
Mormidea collaris (Hemiptera)
Mormidea notulata (Hemiptera)
Myodocha longicollis (Hemiptera)
Nabis dentipes (Hemiptera)
Nasutitermes nigricipes (Isoptera)
Neofurinus carvalhoi (Hemiptera)
Oedionchis aloguttata (Coleoptera)
Ogdocoستا catenulata (Coleoptera)
Oosternum costatum (Coleoptera)
Orectis rugosa (Coleoptera)
Ozophora consanguineus (Hemiptera)
Pachybrachius basalis (Hemiptera)
Pachybrachius servillei (Hemiptera)
Pachygrontha oedancalodes (Hemiptera)
Paragonatas divergens (Hemiptera)
Parallelodiplosis cattleyae (Diptera)
Parlatoria pseudaspidiotus (Homoptera)
Phaedrias mazima (Coleoptera)
Physonota mexicana (Coleoptera)
Pinnaspis buzi (Homoptera)
Plagiodera aeneiventris (Coleoptera)
Plagiodera semivittata (Coleoptera)
Poronotus constrictus (Hemiptera)
Prosopodonta baiyi (Coleoptera)
Pseudonidia tessarata (Homoptera)
Pseudischaspis alienus (Homoptera)
Pseudoparlatoria ostreata (Homoptera)
Ptinus ocellus (Coleoptera)
Scaphidium mexicanum (Coleoptera)
Scaphidium variabile (Coleoptera)
Setomorphia rutella (Lepidoptera)
Stenotarsus globosus (Coleoptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris eritiosus (Hemiptera)

ORCHIDACEAE—Continued

Trochideus americanus (Coleoptera)
Vinsonia stellifera (Homoptera)
Zabrotes subfasciatus (Coleoptera)
ORNITHOPUS:
Sitona cambricus (Coleoptera)
ORYZA:
Amphicrepis cornutus (Coleoptera)
Callidum rufipenne (Coleoptera)
Chilo simplex (Lepidoptera)
Enicmus minutus (Coleoptera)
Lophocateres pusillus (Coleoptera)
Minthea rugicollis (Coleoptera)
Sinozylon anale (Coleoptera)

PALM:

Aleurotrachelus trachoides (Homoptera)
Aspidiotus destructor (Homoptera)
Aspidiotus palmae (Homoptera)
Xylobiops tezanus (Coleoptera)

PARMENTIERA:

Bonchis munitalis (Lepidoptera)

PELARGONIUM:

Phenacoccus gossypii (Homoptera)

PERISTERIA: See Orchidaceae

PERSEA:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Conotrachelus aguacatae (Coleoptera)
Conotrachelus perseae (Coleoptera)
Dacus cucurbitae (Diptera)
Hermelia illucens (Diptera)
Stenomoma catenifer (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

PHASEOLUS:

Acanthoscelides obelatus (Coleoptera)
Agromyza virens (Diptera)
Callosobruchus chinensis (Coleoptera)
Dacus cucurbitae (Diptera)
Epinotia opposita (Lepidoptera)
Lophocateres pusillus (Coleoptera)
Maruca testulalis (Lepidoptera)
Platynota stultana (Lepidoptera)
Zabrotes subfasciatus (Coleoptera)

PHOENIX:

Myelois ceratoniae (Lepidoptera)

PHRAGMITES:

Chilo phragmitellus (?) (Lepidoptera)
Dinoderus brevis (Coleoptera)

PHRAGMOPEDILUM: See Orchidaceae

PHYSALIS:

Epitrix cucumeris (Coleoptera)
Gnorimoschema lavernella (Lepidoptera)
Heliothis subflexa (Lepidoptera)
Rhagoletis striatella (Diptera)
Trichobaris championi (Coleoptera)

PHYTELEPHAS:

Coccotrypes dactyliperda (Coleoptera)

PICEA:

Ernobius abietis (Coleoptera)

PINUS:

Aspidiotus corticis-pini (Homoptera)
Callidum rufipenne (Coleoptera)
Dichrocrocis punctiferalis (Lepidoptera)
Ernobius punctulatus (Coleoptera)
Exptochioma oblonga (Hemiptera)
Frankliniella moultoni (Thysanoptera)
Hylurgops palliatus (Coleoptera)
Pityophthorus cribratus (Coleoptera)
Pityophthorus durus (Coleoptera)
"Poliaspis" pini (Homoptera)
Xylobiops tezanus (Coleoptera)

PISUM:

Stegasta bosquella (Lepidoptera)

PLEUROTHALLIS: See Orchidaceae

POLIANTHES:

Aphis medicaginis (Homoptera)
Dysdercus mimulus (Hemiptera)
Frankliniella bratleyi (Thysanoptera)
Frankliniella cephalica (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)

PORTULACA:

Heliodines bella (Lepidoptera)
Nysius minutus (Hemiptera)

PRIMULA:

Brachyrhinus singularis (Coleoptera)

Hosts and insects—Continued

PROSOPIS:

- Acanthoscelides ceratioborus* (Coleoptera)
- Algarobius prosopis* (Coleoptera)
- Amphicerus cornutus* (Coleoptera)
- Micrapate dinoderoides* (Coleoptera)

PRUNUS DOMESTICA:

- Anastrepha mombinpraeoptans* (Diptera)

PRUNUS PERICA:

- Anastrepha ludens* (Diptera)
- Grapholitha molesta* (Diptera)

PRUNUS SP.:

- Parlatoria theae* (Homoptera)
- Pseudaulnidia trilobitiformis* (Homoptera)

PSIDIUM:

- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Anastrepha striata* (?) (Diptera)
- Anastrepha suspensa* (Diptera)
- Pseudischinaspis bowreyi* (Homoptera)
- Pulvinaria psidii* (Homoptera)
- Tetraleurodes mori* (Homoptera)

PUNICA:

- Anastrepha ludens* (Diptera)

PYRUS:

- Anastrepha ludens* (Diptera)
- Parlatoria oleae* (Homoptera)

QUERCUS:

- Conotrachelus integer* (Coleoptera)
- Curculio q-griseae* (Coleoptera)

RANUNCULUS:

- Thrips angusticeps* (Thysanoptera)

RAPHANUS:

- Lygus elisus* (Hemiptera)
- Lygus rubicundus* (Hemiptera)
- Nysius minutus* (Hemiptera)

RHODODENDRON:

- Dialeurodes chittendeni* (Homoptera)
- Gracilaria azalella* (Lepidoptera)

RORIPPA:

- Evergestis rimosalis* (Lepidoptera)
- Lygus oblineatus* (Hemiptera)

ROSA:

- Allantus cinctus* (Hymenoptera)
- Atheas nigricornis* (Hemiptera)
- Chirothrips manicatus* (Thysanoptera)
- Chrysomphalus personatus* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Frankliniella cephalica* (Thysanoptera)
- Frankliniella insularis* (Thysanoptera)
- Holosternus distans* (Coleoptera)
- Jornandes intermedius* (Hemiptera)
- Protopulvinaria pyriformis* (Homoptera)
- Pseudischinaspis bowreyi* (Homoptera)

SACCHARUM:

- Celama sorghiella* (Lepidoptera)
- Diatraea lineolata* (Lepidoptera)
- Diatraea saccharalis* (Lepidoptera)
- Pseudococcus boninensis* (Homoptera)
- Targionia sacchari* (Homoptera)

SALICARIA:

- Colobicus parilis* (Coleoptera)
- Sinoxylon conigerum* (Coleoptera)

SANCHEZIA:

- Protopulvinaria pyriformis* (Homoptera)

SAPOTE:

- Anastrepha ludens* (Diptera)

SCILLA:

- Forficula auricularia* (Dermaptera)

SEBASTIANIA:

- Grapholitha saltitans* (Lepidoptera)

SECHIUM:

- Clepsia peritana* (Lepidoptera)
- Diaphania nitidalis* (Lepidoptera)

SEDUM:

- Orthesia cataphracta* (Homoptera)

SERJANIA:

- Dinoderus bifoveolatus* (Coleoptera)

SOIL:

- Adelphocoris lineolatus* (Hemiptera)
- Agriotes lineatus* (Coleoptera)
- Apion pisi* (Coleoptera)
- Brachyrhinus rugifrons* (Coleoptera)
- Colaphodes haemoptera* (Coleoptera)
- Ctenicera aereipennis* (Coleoptera)
- Forficula auricularia* (Dermaptera)

SOIL—Continued

- Oxythyrea funesta* (Coleoptera)
- Pantomorus godmani* (Coleoptera)
- Pentodon punctatus* (Coleoptera)
- Scarabaeus semipunctatus* (Coleoptera)

SOLANUM MELONGENA:

- Leucinodes elegantalis* (Lepidoptera)
- Trichobaris mucroa* (Coleoptera)

SOLANUM TUBEROSUM:

- Epicaerus cognatus* (Coleoptera)
- Glyphonyx praecox* (Coleoptera)
- Gnorimoschema plaesiosema* (Lepidoptera)
- Psychoda severini* (Diptera)
- Setomorpha rutella* (Lepidoptera)

SOLANUM SP:

- Corcyra cephalonica* (Lepidoptera)

SOPHRONITIS. See Orchidaceae

SORBUS:

- Argyresthia conjugella* (Lepidoptera)
- Taeniothrips atratus* (Thysanoptera)

SORGHUM:

- Celama sorghiella* (Lepidoptera)
- Corcyra cephalonica* (Lepidoptera)

SPINACIA:

- Nysius minutus* (Hemiptera)

SPONDIAS:

- Anastrepha mombinpraeoptans* (Diptera)
- Aspidiotus herculeanus* (Homoptera)

SWIETENIA:

- Brentus anchorago* (Coleoptera)
- Hypsipyla grandella* (Lepidoptera)

SYRINGA:

- Brachyrhinus sulcatus* (Coleoptera)

TAGETES:

- Euconocerus anthrenoides* (Coleoptera)

TAMARINDUS:

- Caryedon fuscus* (Coleoptera)

THELOCACTUS. See Cactaceae

THEOBROMA:

- Aspidiotus herculeanus* (Homoptera)
- Selenothrips rubrocinctus* (Thysanoptera)

THEVETIA:

- Tetraleurodes mori* (Homoptera)

TIGRIDIA:

- Rhopalosiphoninus tulipaellus* (Homoptera)

TRIGONIDIUM. See Orchidaceae

TRITICUM:

- Anchonomus xeraula* (Lepidoptera)
- Chilo simplex* (Lepidoptera)
- Emicmus minutus* (Coleoptera)

TULIPA:

- Endrosis lactella* (Lepidoptera)
- Forficula auricularia* (Dermaptera)
- Hofmannophila pseudospretella* (Lepidoptera)
- Nemaphogon granella* (Lepidoptera)
- Rhopalosiphoninus latysiphon* (Homoptera)
- Rhopalosiphoninus tulipaellus* (Homoptera)

VANDA. See Orchidaceae

VICIA:

- Bruchus quitialis* (?) (Coleoptera)
- Bruchus luteicornis* (Coleoptera)
- Callosobruchus chinensis* (Coleoptera)

VIOLA:

- Rhopalosiphoninus latysiphon* (Homoptera)

VITIS:

- Blissus richardsoni* (Hemiptera)
- Iridomyrmex humilis* (Hymenoptera)
- Leptoglossus chilensis* (Hemiptera)
- Microtheca ochroloma* (Coleoptera)
- Phlyctinus callosus* (Coleoptera)

XANTHOSOMA:

- "Targionia" hartii* (Homoptera)

ZANTEDESCHIA:

- Nysius calliger* (Hemiptera)

ZEA:

- Chaetopsis fulvifrons* (Diptera)
- Eumecosomyia nubila* (Diptera)
- Evergestis rimosalis* (Lepidoptera)
- Exptochioma oblonga* (Hemiptera)
- Leptipsius striatus* (Coleoptera)
- Lophocateres pusillus* (Coleoptera)
- Moodna bisinuella* (Lepidoptera)
- Peregrinus maidis* (Homoptera)
- Stephanoderes lecontei* (Coleoptera)
- Tychius inermis* (Coleoptera)
- Xylotiops texanus* (Coleoptera)

*Hosts and insects—Continued***ZEALANDIA—Continued**

Xylomeira torquata (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

ZINGIBER:

Minthea rugicollis (Coleoptera)
 "Targionia" hartii (Homoptera)

*Hosts unknown***AIRPLANE:**

Ceratitis capitata (Diptera)
Pachybrachius vinctus (Hemiptera)

BAY (?) :

Vinsonia stellifera (Homoptera)

BEAN:

Acanthoscelides obvelatus (Coleoptera)
Callosobruchus chinensis (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Stephanoderes guatemalensis (Coleoptera)
Zabrotes subfasciatus (Coleoptera)

BULB:

Hofmannophila pseudospretella (Lepidoptera)

CANE:

Anacetrinus deplanatus (Coleoptera)

CEREAL STRAW:

Nicobium castaneum (Coleoptera)

CLOTHING:

Forficula auricularia (Dermaptera)

CUTTING:

Dialeurodes kirkaldyi (Homoptera)

EMPTY BOX CAR:

Anastrepha ludens (Diptera)

FLOWERS:

Anuraphis helichrysi (Homoptera)
Homoeosoma electellum (Lepidoptera)
Neokolla heiroglyphica (Homoptera)

FOREST LITTER:

Dinoderus bifoveolatus (Coleoptera)

GRASS:

Anomala dubia (Coleoptera)
Asterolecanium pseudomiliaris (Homoptera)
Lathridius bergrothi (Coleoptera)
Macrocoma aureovillosa (Coleoptera)
Minthea rugicollis (Coleoptera)
Placosternus difficilis (Coleoptera)

HAY:

Enicmus minutus (Coleoptera)
Hofmannophila pseudospretella (Lepidoptera)
Lathridius bergrothi (Coleoptera)

HERB:

Crophius scabrosus (Hemiptera)
Dacne picta (Coleoptera)
Setomorpha rutella (Lepidoptera)
Tetraleurodes mori (Homoptera)

LEAF:

Aonidiella citrina (Homoptera)
Aspidiotus herculeanus (Homoptera)
Aspidiotus palmae (Homoptera)
Bemisia inconspicua (Homoptera)
Ceroplastes rubens (Homoptera)
Chrysomphalus albopictus (Homoptera)
Chrysomphalus personatus (Homoptera)
Chrysomphalus portoricensis (Homoptera)

LEAF—Continued

Coccus mangiferae (Homoptera)
Dialeurodes citri (Homoptera)
Dolichocysta venusta (Hemiptera)

MERCHANDISE CONTAINING SEED POD:

Caryedon fuscus (Coleoptera)

MIXED GRAIN:

Callosobruchus chinensis (Coleoptera)

MOSS PACKING:

Barypeithes araneiformis (Coleoptera)

PLANT:

Erptochiamera minima (Hemiptera)
Psychoda alternata (Diptera)

POTTERY:

Renocis mexicanus (Coleoptera)

SEED:

Callosobruchus maculatus (Coleoptera)
Erennetis minuscula (Lepidoptera)

SHRUB:

Dialeurodes kirkaldyi (Homoptera)

STRAW HAT:

Dinoderus brevis (Coleoptera)
Dinoderus ocellaris (Coleoptera)
Poronotus constrictus (Hemiptera)

SUCCULENT:

Pseudoparlatoria serrulata (Homoptera)

SUGAR:

Diatraea saccharalis (Lepidoptera)

WOOD:

Agrilus sulcatulus (Coleoptera)
Amphicerus cornutus (Coleoptera)
Battus philenor (Lepidoptera)
Brentus anchorago (Coleoptera)
Brentus mexicanus (Coleoptera)
Clerada apicicornis (Hemiptera)
Coelosternus conspuratus (Coleoptera)
Dinoderus bifoveolatus (Coleoptera)
Dinoderus brevis (Coleoptera)
Dysides obscurus (Coleoptera)
Heterarthron plicatum (Coleoptera)
Heterobostrychus aequalis (Coleoptera)
Hyppisylla grandella (Lepidoptera)
Lamprodema maurum (Hemiptera)
Lophocateres pusillus (Coleoptera)
Minthea rugicollis (Coleoptera)
Neodryocoetes exquisitus (Coleoptera)
Pityophthorus cribratus (Coleoptera)
Platypus rugulosus (Coleoptera)
Renocis mexicanus (Coleoptera)
Rhopalophora incrustata (Coleoptera)
Sinozylon anale (Coleoptera)
Sinozylon sesidentatum (Coleoptera)
Tetrapriocera longicornis (Coleoptera)
Trogosylon spinifrons (Coleoptera)
Xyleborus confusus (Coleoptera)

*Countries of origin and insects***ADMIRALTY ISLAND:**

Aonidiella inornata
Furcaspis oceanica

ALGERIA:

Ceratitis capitata
Lepidosaphes ficus
Oxythyrea funesta
Parlatoria zizyphus
Scarabaeus semipunctatus

AMERICAN VIRGIN ISLANDS:

Ancylostoma stercora
Anastrepha monbini-praeoptans
Asterolecanium pustulans

ANTIGUA:

Ceroplastes rubens
 "Targionia" hartii

ARGENTINA:

Aspidiotus destructor
Blissus richardsoni
Microtheca ochroloma

ARGENTINA—Continued

Parlatoria oleae
Pectinophora gossypiella
Taeniothrips simplex

ARUBA:

Callosobruchus maculatus

ASIA:

Dinoderus ocellaris

AUSTRALIA:

Morganella longispina
Setomorpha rutella

AZORES:

Baris laticollis
Bruchus luteicornis
Nicobium castaneum
Pantomorus godmani

BAHAMAS:

Aphis nerii
Asterolecanium pustulans
Callosobruchus chinensis

Countries of origin and insects—Continued

BAHAMAS—Continued

Ceroplastes floridensis
Cylas formicarius elegantulus
Morganella longispina
Pectinophora gossypiella

BARBADOS:

Callosobruchus maculatus
Corcyra cephalonica
Setomorpha rutella
 "Targionia" hartii

BELGIUM:

Barathra brassicae
Ebergestis forficatis
Gracilaria azaleella
Laspeyresia splendana
Phyllobius pyri
Rhopalosiphoninus tulipaeillus

BERMUDA:

Aphis medicaginis
Aspidiotus spinosus
Ceratitis capitata
Nicotium castaneum hirtum

BRAZIL:

Anastrepha fraterculus
Asterolecanium epidendri
Barathra brassicae
Corcyra cephalonica
Cylas formicarius (probably *elegantulus*)
Diaphania nitidalis
Dinoderus bifoveolatus
Eurytoma orchidearum
Euscapes postfasciatus
Gymnandrosoma aurantianum (?)
Lophocateres pusillus
Mordellistena catleyana
Parlatoria cinerea
Pectinophora gossypiella
Tenthecoris bicolor
Zabrotes subfasciatus

BRITISH COLUMBIA:

Brachyrhinus singularis
Ctenicera aereipennis
Frankliniella moultoni
Phytomyza ilicis

BRITISH GUIANA:

Coccus mangiferae
Pseudaonidia trilobitiformis

BRITISH HONDURAS:

Setomorpha insectella

CANADA:

Ernobius punctulatus
Taeniothrips atratus
Taeniothrips simplex
Trialeurodes vaporariorum

CANAL ZONE:

Acanthoscelides armitagei
Agromyza virens
Aspidiotus destructor
Asterolecanium epidendri
Chrysomphalus tenax
Chrysomphalus umboniferus
Diaphania nitidalis
Epinotia opposita
Furcaspis biformis
Galgupha punctifer
Paragonatus divergens
Parlatoria pseudaspidiotus
Vinsonia stellifera
Xyleborus confusus

CEYLON:

Furcaspis biformis

CHILE:

Acanthoscelides ceratioborus
Gnortimoschema plaesiosema
Leptoglossus chilensis

CHINA:

Anthonoma zeraula
Callosobruchus chinensis
Chilo simplex
Chionaspis yanonensis
Cylas formicarius elegantulus
Cylas formicarius (subspecies unknown)
Nemopogon granella
Parlatoria zizyphus
Pectinophora gossypiella

COLOMBIA:

Aspidiotus destructor
Aspidiotus diffinis
Aspidiotus palmae
Asterolecanium epidendri
Chrysomphalus tenax
Clerada apicicornis
Coccus viridis
Coproporus pulchellus
Cryphula affinis
Cylas formicarius elegantulus
Diatraea lineolata
Eurytoma orchidearum
Exptochiomera minima
Furcaspis biformis
Iridomyrmex iniquus
Iridomyrmex iniquus nigella
Lathridius nodifer
Lophocateres pusillus
Mimosestes dominicanus
Mordellistena catleyana
Pseudaonidia tesserata
Setomorpha rutella
Tenthecoris bicolor
Tenthecoris exitiosus
Trochoides americanus

COSTA RICA:

Anaphothrips orchidaceus
Aspidiotus destructor
Aspidiotus palmae
Asterolecanium epidendri
Ceroplastes floridensis
Coccus viridis
Eucactophagus aurocinctus
Eurytoma orchidearum
Exptochiomera minima
Frankliniella minuta
Furcaspis biformis
Iridomyrmex iniquus nigella
Prosopodonta balyi
Protopulvinaria pyriformis
Pseudischinaspis alienus
Ptinus ocellus
Pulvinaria psidii
Unaspis citri
Vinsonia stellifera

CUBA:

Anastrepha mombinpraeoptane
Aphis nerii
Aspidiotus destructor
Asterolecanium bambusae
Bitoma unicolor (?)
Catorama tabaci
Coccus viridis
Crociosema plebeiana
Cylas formicarius elegantulus
Diatraea saccharalis
Ereumetis minuscula
Frankliniella insularis
Gnortimoschema gudmannella
Lepidosaphes alba
Ligyrocoris abdominalis
Pachybrachius basalis
Pectinophora gossypiella
Protopulvinaria pyriformis
Pseudococcus boninsis
Pseudoparlatoria ostreata
Pulvinaria psidii
Pyroderces stigmatophora
Ribua innazia
Targionia hartii
Targionia sacchari
Tetrapirocera longicornis
Unaspis citri

CURAÇAO:

Callosobruchus maculatus
Cylas formicarius elegantulus
Zabrotes subfasciatus

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Anastrepha suspensa
Ancylostoma stercora
Callosobruchus chinensis
Coccus viridis
Cylas formicarius elegantulus

Countries of origin and insects—Continued

DOMINICAN REPUBLIC—Continued

Mimosstes dominicanus
Unaspis citri
Vinsonia stellifera
Xyleborus confusus

DUTCH GUIANA:

Aleurothrixus floccosus

EAST AFRICA:

Macrecoma aureovillosa

ECUADOR:

Coccotrypes dactyliperda

EGYPT:

Anuraphis apiifolia
Pectinophora gossypiella

ENGLAND:

Agriotes lineatus
Aleyrodes brassicae (?)
Anaphothrips orchidaceus
Anaphothrips orchidii
Baris laticollis
Baryperthes araneiformis
Bruchidius villosus
Ceutorhynchus pleurostigma
Ceutorhynchus quadridens
Dialeurodes chittendeni
Endrostis lactella
Forficula auricularia
Laspeyresia splendana
Leperisinus frazini
Lepidosaphes tuberculata
Phyllotreta cruciferae
Psila rosae
Psychoda severini
Psylliodes chrysocephala
Ptenidium fuscicornis
Rhopalosiphoninus latusiphon
Rhopalosiphoninus tulipaeillus
Taeniothrips ericae

ENIWETOK ISLAND:

Furcaspsis oceanica

FRANCE:

Evergestis forficatis
Liothrips vaneckei
Thrips angusticeps
Xylaphothrips subterraneus

GERMANY:

Bruchus guttalis (?)

GOLD COAST:

Coptotermes sjostedti modica
Cordylomera spinicornis (?)

GREECE:

Haplothrips cotei

GREENLAND:

Orthesia cataphracta

GRENADA:

Callosobruchus phaseoli
Furcaspsis biformis
Selenothrips rubrocinctus

GUAM:

Aspidiotus destructor

Dialeurodes kirkaldyi

GUATEMALA:

Acanthoderes circumflecta
Acanthoscelides obvelatus
Aleurothrixus myrtacei
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Aspidiotus destructor
Aspidiotus mendax
Aspidiotus palmarum
Asterolecanium epidendri
Aulonium bidentatum
Brentus anchorago
Brentus mexicanus
Chrysomphalus perseae
Chrysomphalus tenax
Chrysomphalus umboniferus
Coccus pseudohesperidum
Conotrachelus perseae
Cryptotermes cavifrons
Diorymerellus laevimargo
Eurycipitia vestitus
Eurytoma orchidearum
Exptochiomeria minima

GUATEMALA—Continued

Fulvius fuscans
Iridomyrmex iniquus nigella
Kaloterms clevelandi
Kaloterms nigratus
Kaloterms snyderi
Ligyrocoris litiginosus
Lygaeus vitticollis
Minthea rugicollis
Neoclytus cacticus
Platypus rugulosus
Pseudischinaspis alienus
Pseudoparlatoria ostreata
Scaphidium variabile
Sosylus terminalis
Stenoma catenifer
Tetraleurodes fici
Xyleborus confusus
Zabrotes subfasciatus

HAITI:

Anastrepha mombinpraeoptans
Callosobruchus phaseoli
Dinleurodes citrifolii
Targionia sacchari

HAWAII:

Aonidiella inornata
Aspidiotus spinosus
Asterolecanium bambusae
Asterolecanium pustulans
Callosobruchus maculatus
Caryedon fuscus
Ceratitis capitata
Coccus viridis
Colobicus parilis
Cylas formicarius elegantulus
Dacus cucurbitae
Dacus dorsalis (?)
Diocalandra taiensis
Dryophthorus pusillus
Ereunetis flavistriata
Euscapes postfasciatus
Furcaspsis biformis
Hermetia illucens
Lepidosaphes tokionis
Leucaspsis cockerelli
Maruca testulalis
Pectinophora gossypiella
Phenacaspis sandwicensis
Pinnaspis buxi
Pseudococcus palmarum
Sinoxylon conigerum
Sternochetus mangiferae
Taeniothrips hawaiiensis

HONDURAS:

Anastrepha mombinpraeoptans (?)
Anastrepha striata (?)
Eurycipitia vestitus
Lepidosaphes punicea
Stephanoderes guatemalensis

INDIA:

Callosobruchus chinensis
Caryedon fuscus
Ceratitis capitata
Cylas formicarius
Cylas formicarius formicarius
Dinoderus brevis
Heterobostrychus aequalis
Lepidosaphes tuberculata
Lophocateres pusillus
Minthea rugicollis
Parlatoria pseudaspidotus
Sinoxylon anale
Trogozylon spinifrons

IRELAND:

Anaphothrips orchidaceus
Brachyrhinus rugifrons
Hofmannophila pseudopretella

ITALY:

Adelphocoris lineolatus
Anomala dubia
Apion pisi
Bruchus tristis
Ceratitis capitata
Colaphodes haemoptera
Dacus oleae

Countries of origin and insects—Continued

ITALY—Continued

Eurydema ornatum
Laspeyresia splendana
Parlatoria oleae
Pentodon punctatus
Phyllotreta cruciferae

JAMAICA:

Anastrepha mombinpraeoptans
Aspidiotus herculeanus
Asterolecanium epidendri
Callosobruchus chinensis
Callosobruchus maculatus
Callosobruchus phaseoli
Caryedon fuscus
Catorama herbarium
Cylas formicarius elegantulus
Leucaspis cockerelli
Palaeopus costicollis
Parlatoria cratonis
Pseudoparlatoria ostreata
Setomorpha rutella
Targionia hartii
Unaspis citri
Vinsonia stellifera

JAPAN:

Aspidiotus corticis-pini
Callidium rufipenne
Ceroplastes floridensis
Ceroplastes floridensis japonicus
Ceroplastes rubens (?)
Chilo simplex
Dichocrocis punctiferalis
Lepidosaphes pallida
Lepidosaphes tuberculata
Parlatoria chinensis
Parlatoria theae
 "Poliaspis" *pini*

KENYA COLONY:

Corcyra cephalonica

MALAYSIA:

Parlatoria citri

MARQUESAS ISLANDS:

Aspidiotus destructor
Parlatoria cinerea

MARSHALL ISLANDS:

Furcaspis oceanica

MEXICO:

Acanthoscelides obvelatus
Aceratagallia gillettei
Aceria tulipae
Acroleucus vicinialis
Agallissus lepturoides
Agrilus sulcatus
Agromyza virens
Agrotis ypsilon
Aleurocanthus woglumi
Aleurothrix floccosus
Aleurothrix myrtacei
Aleurotrachelus trachoides
Algarobius prosopis
Alpheias conspirata
Amorbia emigratella
Amphicerus cornutus
Anacentrinus deplanatus
Anaphothrips orchidaceus
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anelaphus spurcus
Amuraphis helichrysi
Aonidiella citrina
Aphetea inconspicua
Aphis medicaginis
Arvelius albopunctatus
Aspidiotus herculeanus
Atheas fuscipes
Atheas nigricornis
Attelabus corvinus
Battus philenor
Bitoma brevipes
Bonchis munitatis
Brentus anchorago
Brentus mexicanus
Calligrapha labyrinthica
Calligrapha pantherina
Callosobruchus maculatus

MEXICO—Continued

Capaneus odiosus
Capaneus tetricus
Caulophilus latinasus
Celama sorghella
Ceratocapsus apicalis
Ceratocapsus punctulatus
Chaetopsis debilis
Chaetopsis fulvifrons
Chelinidea vittiger aequoris
Chrysomphalus albopictus
Chrysomphalus personatus
Clepsis peritana
Clerada apicicornis
Coccus mangiferae
Coelosternus consputus
Collops bipunctatus
Conchaspis angraei
Conotrachelus aguacatae
Conotrachelus integer
Conotrachelus leucophaeatus
Conotrachelus perseae
Conotrachelus seniculus
Corimelaena alticola
Corimelaena incognita
Corizidea longera
Crophius scabrosus
Cryphalamorphus jalapae
Cryphula trimaculata
Curculio q-griseae
Cylas formicarius elegantulus
Cyphosterna bicolor
Dacus oleae
Diaphania hyalinata
Diaphania nitidalis
Dinoderus bifoveolatus
Diorymerellus laevimargo
Dolichocysta venusta
Dysdercus mimulus
Empoasca solana
Epicaerus cognatus
Epilachna varivestis
Epilachna varivestis varipes
Epinotia opposita
Epitrix cucumeris
Epitrix fasciata
Epitrix hirtipennis
Eriococcus coccineus
Estigmene acrea
Eucalandra setulosa
Eucalymnatus tessellatus
Eucnecerus anthrenoides
Eumecosomyia nubila
Eurycippia vestitus
Evergestis rimosalis
Exizianus obscurinervis
Exptochiomera minima
Exptochiomera oblonga
Forcipomyia raleighi
Frankliniella bratleyi
Frankliniella cephalica
Frankliniella insularis
Frankliniella minuta
Galgupha caeruleescens
Geocnethus semilevis
Gerstaeckeria mutillaria
Glyphonx praecox
Glyptina nivalis
Gnorimoschema gudmannella
Gnorimoschema lavernella
Grapholium molesta
Grapholium saltitans
Haplothrips gowdeyi
Heliodines bella
Heliothis subflexa
Heterarthron plicotum
Holosternus distans
Homoecoma electellum
Hyppisylla grandella
Jornandes intermedius
Kaloterme jouteli
Lathridius nodifer
Lema quinque-notata
Lepidosaphes philococcus
Leptipsus striatus
Leucinodes elegantalis

Countries of origin and insects—Continued

MEXICO—Continued

Leucopocila albofasciata
Leucoptera coffeella
Ligyrocoris aurivilliana
Lineodes integra
Liorhyssus hyalinus
Liriomyza pusilla
Lophocateres pusillus
Lygaeus analis
Lygaeus vittiscutis
Lygus elisus
Lygus hesperus
Lygus oblineatus
Lygus rubicundus
Lygus sallei
Macrocephalus stali
Marmara opuntiella
Micrapate dinoderoides
Mimosestes dominicanus
Moodna bisinuella
Mormidea collaris
Mormidea notulata
Miodocha longicollis
Nabis alternatus
Nabis dentipes
Nasutitermes nigriceps
Neodryocetes exquisitus
Neokolla heteroglyphica
Nysius calliger
Nysius minutus
Nysius strigosus
Oedancala bimaculata
Oedionychis atroguttata
Ogdoecosta catenulata
Olibrus submaculatus
Oosternum costatum
Orectis rugosa
Ozophora consanguineus
Pachybrachis uteanus
Pachybrachius basalis
Pachybrachius vinctus
Pachygrontha oedancalodes
Pectinophora gossypiella
Peregrinus maidis
Phaedrias mazima
Phenacoccus gossypii
Physonota mexicana
Pityophthorus cribratus
Pityophthorus durus
Placosternus difficilis
Plagiodera aeneiventris
Plagiodera semivittata
Platynota rostrana
Platynota stultana
Platypus rugulosus
Pnyxia scabiei
Poronotus constrictus
Prodenia ornithogalli
Pseudischnaspis alienus
Pseudoparlatoria serrulata
Psychoda alternata
Pulvinaria psidii
Renocis mexicanus
Rhagoletis pomonella
Rhagoletis striatella
Rhopalophora incrustata
Scaphidium mexicanum
Scaphidium variabile
Scolopocerus uhleri
Setomorpha rutella
Sizeonotus areolatus
Sizeonotus luteiceps
Stegasta bosquella
Stenoma catenifer
Stephanoderes lecontei
Taeniothrips simplex
Talponia batesi
Tanymecus confusus
"Targionia" bromiliae
Teleonemia scrupulosa
Termes panamaensis
Tetraleurdodes mori
Tetrapriocera longicornis
Trichobaris championi
Trichobaris mucorea
Tychius inermis

MEXICO—Continued

Vasseletia vasseleti
Voria ruralis
Xyleborus affinis
Xyleborus confusus
Xylobiops parilis
Xylobiops texanus
Xylomeira torquata
Zabrotes subfasciatus
MOROCCO:
Aleurolobus olivinus (?)
Aonidiella maki
Ceratitis capitata
Lophocateres pusillus
Sinoxylon sexdentatum
MOZAMBIQUE:
Anuraphis aptifolia
Ceratitis capitata
Pheidole megacephala
NETHERLANDS:
Allantus cinctus
Barathra brassicae
Brachyrhinus sulcatus
Bruchus luteicornis
Chilo phragmitellus (?)
Endrosia lactella
Enicmus minutus
Eumerus tuberculatus
Forficula auricularia
Gracilaria azalella
Hofmannophila pseudospretella
Lathridius nodifer
Myzus dufteldii
Nemapogon granella
Rhopalosiphoninus latysiphon
Rhopalosiphoninus tulipae
Setomorpha rutella
Sitona lineata
Tentecoris bicolor
NEW GUINEA:
Aspidiotus palmae
Elytroteinus subtruncatus
Parlatoria citri
Pinnaspis buxi
NEW HEBRIDES:
Aspidiotus herculeanus
NEW ZEALAND:
Hofmannophila pseudospretella
NICARAGUA:
Acanthoscelides sallaei (?)
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Asterolecanium pustulans
Chrysomphalus umboniferus
Conchaspis angraci
Diaphania nitidalis
Mimosestes dominicanus
Pseudischnaspis alienus
NORWAY:
Ernobia abietis
Psila rosae
OKINAWA:
"Targionia" quohogiformis
ONTARIO:
Chirothrips manicatus
Tychius griseus
ORIENT:
Callosobruchus chinensis
Pseudischnaspis alienus
PALAU ISLANDS:
Furcaspsis oceanica
PALESTINE:
Ceratitis capitata
Myeloides ceratoniae
PANAMA:
Agromyza virens
Aspidiotus destructor
Aspidiotus spinosus
Coccus viridis
Cylas formicarius elegantulus
Diaphania nitidalis
Epinotia opposita
Euscepes postfasciatus
Furcaspsis biformis
Leucaspis cockerelli

Countries of origin and insects—Continued

PANAMA—Continued

Maruca testulalis
Pectinophora gossypiella
Vinsonia stellifera

PARAGUAY:

Callosobruchus chinensis
Parlatoria cinerea

PERU:

Chaetopsis fulvifrons
Dinoderus bifoveolatus
Mordellistena cattleyana
Zabrotes subfasciatus

PHILIPPINES:

Amphicerus cornutus
Anuraphis helichrysi
Aspidiotus destructor
Aspidiotus palmarum
Dialeurodes kirkaldyi
Dinoderus brevis
Dinoderus ocellaris
Parlatoria pseudaspidotus

PORTUGAL:

Bruchus luteicornis
Ceratitis capitata
Epidiaspis piricola (?)
Iridomyrmex humilis
Lamprodema maurum
Laspeyresia splendana
Psychoda severini
Sinozylon sexdentatum
Sitona cambricus

PUERTO RICO:

Acanthoscelides armitagei
Anastrepha mombinpraeoptans
Anastrepha suspensa
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium pseudomiliaris
Asterolecanium pustulans
Bemisia inconspicua
Callosobruchus chinensis
Chrysomphalus portoricensis
Coccus viridis
Cylas formicarius elegantulus
Dialeurodes citrifolii
Euscepes postfasciatus
Fundella pellucens
Furcaspis biformis
Heliothis subflexa
Lepidosaphes tokionis
Maruca testulalis
Pectinophora gossypiella
Protopulvinaria pyrifomis
Pseudischnaspis boureyi
Pulvinaria psidii
Setomorpha rutella
Taeniothrips simplex
Targionia sacchari
Vinsonia stellifera

ST. VINCENT:

Corcyra cephalonica
Setomorpha rutella
Targionia hartii

SALVADOR:

Anastrepha mombinpraeoptans
Chrysomphalus personatus
Coccus mangiferae
Exptochiomeria oblonga
Pseudaonidia tessarata
Stenoma catenifer
Zabrotes subfasciatus

SCOTLAND:

Aleyrodes brassicae (?)
Argyresthia conjugella
Forficula auricularia
Niptus hololeucus
Taeniothrips atratus
Taeniothrips ericae

SOUTH PACIFIC:

Aonidiella inornata
Aspidiotus destructor
Aspidiotus excisus
Ceratitis capitata
Dinoderus brevis
Furcaspis oceanica

SOUTH PACIFIC—Continued

Pinnaspis buxi
Pseudococcus palmarum

SPAIN:

Ceratitis capitata
Parlatoria zizyphus
Pyrausta nubilalis

SWEDEN:

Hylurlops palliatus

SWITZERLAND:

Parlatoria camelliae

TRINIDAD:

Acanthoscelides armitagei
Aganactesis indecora
Aulacaspis mangiferae
Callosobruchus chinensis
Maruca testulalis
Protopulvinaria pyrifomis
Unaspis citri

TUNISIA:

Lepidosaphes ficus

TURKEY:

Ceratitis capitata

ULITHI ISLAND:

Pseudococcus palmarum

UNION OF SOUTH AFRICA:

Ceratitis capitata
Iridomyrmex humilis
Phlyctinus callosus
Specularius erythrinae

UNKNOWN:

Amphicerus cornutus
Callidium rufipenne
Caryedon fuscus
Corcyra cephalonica
Dacne bipustulata (?)
Dacne picta
Dialeurodes citri
Dinoderus bifoveolatus
Dinoderus brevis
Dinoderus ocellaris
Endrosis lactella
Enicmus minutus
Forficula auricularia
Furcaspis biformis
Hofmannophila pseudospretella
Laspeyresia splendana
Lathridius bergrothi
Minthea rugicollis
Parlatoria pseudaspidotus
Pectinophora gossypiella
Poronotus constrictus
Targionia sacchari
Vinsonia stellifera

URUGUAY:

Anuraphis apiifolia
Ceratitis capitata

VENEZUELA:

Aleurothrixus myrtacei
Amphicerus cornutus
Anaphothrips orchidaceus
Anastrepha serpentina
Asterolecanium epidendri
Aulacaspis mangiferae
Callosobruchus maculatus
Callosobruchus phaseoli
Ceroplastes floridensis
Coccus viridis
Coproporus pulchellus
Dysides obscurus
Enicmus minutus
Eucalymnatus tessellatus
Eurytoma orchidearum
Euscepes postfasciatus
Exptochiomeria minima
Exptochiomeria tumens
Frankliniella insularis
Furcaspis biformis
Iridomyrmex iniquus
Iridomyrmex iniquus nigella
Minthea rugicollis
Neofurios carvalhoi
Pachybrachius servillei
Parallelodiplosis cattleyae
Poronotus constrictus

Countries of origin and insects—Continued

VENEZUELA—Continued

Protopulvinaria pyriformis
Pseudoparlatoria ostreata
Setomorphia rutella
Stenotarsus globosus
Taeniothrips simplex
Tenthecoris bicolor
 VIRGIN ISLANDS:
Anastrepha mombinpraeoptans

VIRGIN ISLANDS—Continued

Asterolecanium pustulans
Cylas formicarius elegantulus
"fargionia" hartii
 WEST INDIES:
Leucasps cockerelli
 YUGOSLAVIA:
Nemapogon granella
Pariatoria oleae

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946,
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[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Nonentry	Propaga- tion	
<i>Actinopelte dryina</i> (Sacc.) Hoehn.:					
<i>Quercus</i> sp. (oak).....	Mexico.....	1			Tex.
<i>Aecidium evansii</i> P. Henn.:					
<i>Lippia graveolens</i>	do.....	1			Tex.
<i>Alternaria circinans</i> (Berk. & Curt.) Bolle:					
<i>Brassica oleracea capitata</i> (cabbage).....	England, Netherlands.....		2		La., Tex.
<i>Brassica rapa</i> (turnip).....	Mexico.....	1			Tex.
<i>Alternaria citri</i> Ell. & Pierce:					
<i>Citrus sinensis</i> (orange).....	Mediterranean area, Mexico.....	4			Ariz., Ill., Tex.
<i>Citrus</i> sp.....	Mexico.....	1			Tex.
<i>Alternaria cucumerina</i> (Ell. & Ev.) J. A. Elliott:					
<i>Cucumis melo</i> var. (honeydew).....	Chile.....	1			N. Y.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall:					
<i>Dianthus</i> sp. (carnation).....	Mexico.....	1			Tex.
<i>Gypsophila paniculata</i> (babysbreath).....	do.....	3			Tex.
<i>Alternaria nigrescens</i> (Peg.) Neerg.:					
<i>Cucumis melo</i> var. (honeydew).....	Chile.....	2			N. Y.
<i>Alternaria tenuis</i> auct.:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Capsicum frutescens</i> (pepper).....	do.....	1			Tex.
<i>Cucumis melo</i> var. (honeydew).....	Chile.....	1			N. Y.
<i>Anthostomella grandispora</i> Penz. & Sacc.:					
Bamboo.....	Colombia.....	1			N. Y.
<i>Aphelenchoides subtennis</i> Cobb:					
<i>Narcissus</i> sp.....	Luxemburg, Nether- lands.....		2		N. J., N. Y.
<i>Ascochyta imperfecta</i> Pk.:					
<i>Medicago sativa</i> (alfalfa).....	Mexico.....	1			Tex.
<i>Ascochyta lycopersici</i> Brun.:					
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.
<i>Ascochyta magnoliae</i> Thuem.:					
<i>Magnolia soulangeana</i> (sauceur magnolia).....	Canada.....			1	Wash.
<i>Ascochyta pisi</i> Lib.:					
<i>Pisum sativum</i> (pea).....	England, Mexico, Por- tugal, Uruguay.....	3	3		N. Y., Pa., Tex.
<i>Aspergillus phaeocephalus</i> Dur. & Mont.:					
<i>Allium sativum</i> (garlic).....	Argentina.....	1			La.
<i>Bacillus aroidea</i> Town. (?) :					
<i>Lycopersicon esculentum</i> (tomato).....	Dominican Republic.....	1			P. R.
<i>Bacillus melonis</i> Gidd.:					
<i>Cucurbita maxima</i> (squash).....	Mexico.....	1			Tex.
<i>Bacterium solanacearum</i> E. F. Sm.:					
<i>Solanum tuberosum</i> (potato).....	do.....	1			Tex.
<i>Botryosphaeria ribis chromogena</i> Gross. & Dugg.:					
<i>Persea americana</i> (avocado).....	do.....	1			Tex.
<i>Botrytis byssoidea</i> J. C. Walker:					
<i>Allium cepa</i> (onion).....	do.....	1			Tex.
<i>Botrytis elliptica</i> (Berk.) Cke.:					
<i>Lilium</i> sp. (lily).....	do.....	2			Tex.
<i>Botrytis galanthina</i> (Berk. & Br.) Sacc.:					
<i>Galanthus</i> sp. (snowdrop).....	England.....	1			Pa.
<i>Botrytis gladioli</i> Kleb.:					
<i>Gladiolus</i> sp.....	Netherlands.....	1			Mass.
<i>Botrytis paeoniae</i> Oud.:					
<i>Paeonia</i> sp. (peony).....	do.....			1	N. Y.

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Botrytis squamosa</i> J. C. Walker:					
<i>Allium cepa</i> (onion).....	Mexico.....	1			Tex.
<i>Botrytis tulipae</i> (Lib.) Lind:					
<i>Tulipa</i> sp. (tulip).....	Germany.....			1	Wash.
<i>Briosia azaleae</i> (Pk.) Dearn:					
<i>Rhododendron</i> sp.....	England.....			1	N. J.
<i>Catacauma palmicola</i> F. L. Stevens:					
Palm.....	Guadeloupe.....		1		Va.
<i>Ceratostomella ulmi</i> Buis:					
<i>Ulmus</i> sp. (elm).....	England.....	1			N. Y.
<i>Cercospora althaeina</i> Sacc:					
<i>Althaea</i> sp.....	Mexico.....	1			Tex.
<i>Hibiscus syriacus</i> (shrub althea).....	do.....	1			Tex.
<i>Cercospora angrei</i> Roum:					
<i>Odontoglossum</i> sp. (orchid).....	Belgium, England.....			3	N. J.
<i>Cercospora apii</i> Fres:					
<i>Apium graveolens</i> (celery).....	Cuba.....		2		Tex.
<i>Cercospora chrysanthemi</i> Putt:					
<i>Chrysanthemum</i> sp.....	Mexico.....	1			Tex.
<i>Cercospora coffeicola</i> Berk. & Cke:					
<i>Coffea</i> sp. (coffee).....	do.....	1			Tex.
<i>Cercospora cordiae</i> Chupp:					
<i>Cordia</i> sp.....	do.....			1	Tex.
<i>Cercospora cucurbiticola</i> P. Henn:					
<i>Cucumis sativus</i> (cucumber).....	Panama.....		1		Tex.
<i>Cercospora fraxinites</i> Ell. & Ev:					
<i>Fraxinus</i> sp. (ash).....	Mexico.....	1			Tex.
<i>Cercospora handelii</i> Bub:					
<i>Rhododendron</i> sp.....	Belgium, Netherlands.....			6	N. J.
<i>Cercospora herreraana</i> Farneti:					
<i>Coffea</i> sp. (coffee).....	Mexico.....			1	Tex.
<i>Cercospora insulana</i> (Sacc.) Chupp:					
<i>Armeria</i> sp. (statice).....	Guatemala, Mexico.....	4			Tex.
<i>Cercospora longissima</i> Sacc:					
<i>Lactuca sativa</i> (lettuce).....	Cuba.....	1			P. R.
<i>Cercospora lythracearum</i> Hald & Wolf:					
<i>Punica granatum</i> (pomegranate).....	Mexico.....		1		Tex.
<i>Cercospora mangiferae</i> Koord:					
<i>Mangifera indica</i> (mango).....	do.....		1		Ariz.
<i>Cercospora musae</i> Zimm:					
<i>Musa paradisica sapientum</i> (banana).....	Costa Rica, Dominican Republic, Guatemala, Martinique, Mexico, Panama, Porto Rico.	133			Ariz., Calif.,* La., N. Y., Pa., Tex.
<i>Cercospora neriella</i> Sacc:					
<i>Nerium oleander</i> (oleander).....	Mexico.....	1			Tex.
<i>Cercospora physalidis</i> Ell. & Barth:					
<i>Physalis</i> sp. (husk tomato).....	do.....	1			Tex.
<i>Cercospora psidii</i> Rangel:					
<i>Psidium guajava</i> (guava).....	do.....	1			Ariz.
<i>Cercospora scolecotrichoides</i> Atk:					
<i>Arundinaria funghomii</i> (bamboo).....	China.....		1		D. C.
<i>Cercospora sorghi</i> Ell. & Ev:					
<i>Sorghum vulgare</i> (sorghum).....	Mexico.....	1			Tex.
<i>Cercospora vaginatae</i> Krueger:					
<i>Saccharum officinarum</i> (sugarcane).....	do.....	2			Tex.
<i>Cercospora primulae</i> Allesch:					
<i>Primula</i> sp. (primrose).....	British Columbia, France.			3	N. Y., Wash.
<i>Chaetomium bostrychodes</i> Zopf:					
<i>Hibiscus rosa-sinensis</i> (Chinese hibiscus).....	South Pacific (?).....		1		Calif.*
<i>Chlamydomyces palmarum</i> (Cke.) Mason:					
Bamboo.....	Mexico.....	1			Ariz.
<i>Cladosporium cucumerinum</i> Ell. & Arth. (?):					
<i>Manihot esculenta</i> (cassava).....	American Virgin Islands.	1			Fla.*
<i>Cladosporium effusum</i> Berk. & Curt:					
<i>Carya illinoensis</i> (pecan).....	Mexico.....	1			Tex.

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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<i>Claviceps paspali</i> F. L. Stevens & J. G. Hall:					
<i>Paspalum notatum</i> (Bahia grass)	Paraguay			1	D. C.
<i>Paspalum</i> sp.	Australia			2	N. Y.
<i>Claviceps purpurea</i> (Fr.) Tul.:					
<i>Secale cereale</i> (rye)	New Zealand			1	Wash.
<i>Coleosporium campanulae</i> (Pers.) Lév.:					
<i>Campanula persicifolia moerheimeii</i>	Netherlands			1	N. J.
<i>Colletotrichum cajani</i> Rangel:					
<i>Cajanus cajan</i> (pigeonpea)	Dominican Republic, Puerto Rico.	2			Fla.,* P. R.
<i>Colletotrichum graminicolum</i> (Ces.) G. W. Wils.:					
<i>Sorghum vulgare technicum</i> (broomcorn)	Mexico	2			Tex.
<i>Colletotrichum lilii</i> Plakidas:					
<i>Lilium longiflorum</i> (Easter lily)	do.			1	Tex.
<i>Colletotrichum lineola</i> Cda.:					
<i>Saccharum officinarum</i> (sugarcane)	do.	1			Tex.
<i>Colletotrichum tujae</i> Verpl. (?):					
<i>Zygopetalum burtii</i> (orchid)	Costa Rica			1	Tex.
<i>Colletotrichum nigrum</i> Ell. & Halst.:					
<i>Capsicum frutescens</i> (pepper)	Panama		1		Tex.
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Colletotrichum orchidearum</i> form <i>odontoglossi</i> Verpl. & Claess.:					
<i>Odontoglossum laeae</i> (orchid)	Guatemala			1	Calif.*
<i>Colletotrichum stanhopeae</i> P. Henn.:					
<i>Stanhopea wardii</i> (orchid)	do.			1	Calif.*
<i>Colletotrichum truncatum</i> (Schw.) Andrus & W. D. Moore:					
<i>Phaseolus limensis</i> (lima bean)	Puerto Rico	1			N. Y.
<i>Pisum sativum</i> (pea)	Mexico		1		Tex.
<i>Coniosporium sphaerospermum</i> Mason:					
Bamboo	Soldier's mail	1			Wash.
<i>Coniothyrium fuckelii</i> Sacc.:					
<i>Malus</i> sp.	Japan			1	Calif.*
<i>Cumminsella sanguinea</i> (Pk.) Arth.:					
<i>Mahonia</i> sp.	British Columbia	1			Wash.
<i>Cymadothea trifolii</i> (Fr.) Wolf:					
<i>Trifolium</i> sp. (clover)	Soldier's mail	1			N. Y.
<i>Cytospora ambiens</i> Sacc.:					
<i>Salix</i> sp. (willow)	Belgium, England	3	1		Mass., N. Y.
<i>Cytospora leucostoma</i> Sacc.:					
<i>Malus sylvestris</i> (apple)	Canada			1	Wash.
<i>Cytospora palmarum</i> Cke.:					
<i>Cocos nucifera</i> (coconut)	New Hebrides	1			Calif.*
<i>Cytospora subcylpeata</i> Sacc. (?):					
<i>Rhododendron</i> sp.	England			1	N. J.
<i>Didymella lycopersici</i> (Brun.) Kleb.:					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Ariz.
<i>Didymosphaeria graminicola</i> Ell. & Ev.:					
<i>Panicum</i> sp.	New Guinea	1			Calif.*
<i>Diplocarpon rosae</i> Wolf:					
<i>Rosa</i> sp.	Venezuela	2			Fla.*
<i>Diplodia coccocarpa</i> Sacc. var. <i>malaccensis</i> Tassi:					
<i>Cocos nucifera</i> (coconut)	Marshall Islands	1			Calif.*
<i>Diplodia henriquesiana</i> Trav. & Spessa:					
<i>Cattleya</i> sp. (orchid)	Costa Rica			1	N. J.
<i>Diplodia theobromae</i> (Pat.) Nowell:					
Bamboo	Mexico	1			Ariz.
<i>Cocos nucifera</i> (coconut)	Philippines	1			Oreg.
<i>Ipomoea batatas</i> (sweetpotato)	Hawaii			1	Calif.*
<i>Diplodia tubericola</i> (Ell. & Ev.) Taub.:					
<i>Manihot</i> sp.	Honduras			1	Ala.
<i>Ipomoea batatas</i> (sweetpotato)	Venezuela			1	Md.
<i>Diplodina eurhododendri</i> Voss:					
<i>Rhododendron</i> sp.	Canada			1	Wash.
<i>Discosia artocreas</i> Fr.:					
<i>Acer</i> sp. (maple)	Europe	1			Oreg.
<i>Rosa</i> sp. (rose)	Netherlands			1	N. J.

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<i>Ditylenchus destructor</i> Thorne:					
<i>Solanum tuberosum</i> (potato)	Sweden		1		Md.
<i>Ditylenchus dipsaci</i> (Kuhn) Filip.:					
<i>Allium sativum</i> (garlic)	Mexico	15			Tex.
<i>Narcissus</i> sp.	England		2		N. J.
<i>Ditylenchus iridis</i> Steiner:					
<i>Iris xiphoides</i> (English iris)	Netherlands		1		N. J.
<i>Iris</i> sp.	do		28		Calif.,* N. J., N. Y., Wash.
<i>Tigridia</i> sp.	do		4		N. J.
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (lime)	Brazil		1		Md.
<i>Citrus limon</i> (lemon)	Argentina, Brazil		4		Md., Mass., N. Y.
<i>Citrus sinensis</i> (orange)	Brazil, Uruguay		3		Mass., Pa.
<i>Elsinoe phaseoli</i> Jenkins:					
<i>Phaseolus limensis</i> (lima bean)	Puerto Rico, Virgin Islands.	3			Fla.*
<i>Elsinoe piri</i> (Woron.) Jenkins:					
<i>Malus sylvestris</i> (apple)	Spain		1		Tex.
<i>Epidochium oryzae</i> Miy.:					
<i>Oryza sativa</i> (rice)	India	1			Oreg.
<i>Eriosphorina tritici</i> Togn.:					
Bamboo	Soldier's mail	1			Wash.
<i>Erosporium cactivorum</i> Pets. & Cif.:					
Cactus	Mexico	1			Tex.
<i>Fabraea maculata</i> Atk.:					
<i>Cydonia oblonga</i> (quince)	Costa Rica	1			Fla.*
<i>Fusarium bulbigenum</i> Cke. & Mass.:					
<i>Narcissus</i> sp.	England, Netherlands		40		N. J., N. Y.
<i>Fusarium heterosporum</i> Nees:					
<i>Paspalum</i> sp.	Australia		1		N. Y.
<i>Fusarium oxysporum</i> Schlecht.:					
<i>Allium cepa</i> (onion)	Mexico	6			Tex.
<i>Gladiolus</i> sp.	Canada		1		N. J.
<i>Ipomoea batatas</i> (sweetpotato)	Mexico	1			Tex.
<i>Fusarium trichothecoides</i> Wr.:					
<i>Solanum tuberosum</i> (potato)	do	1			Ariz.
<i>Fusicladium depressum</i> (Berk. & Br.) var. <i>petroselinii</i> Sacc.:					
<i>Petroselinum crispum latifolium</i> (parsley)	Azores		1		N. Y.
<i>Gliomastix convoluta</i> (Harz) Mason:					
<i>Zingiber officinale</i> (ginger)	China	1			Calif.*
<i>Gloeosporium affine</i> Sacc.:					
<i>Cattleya skinneri</i> (orchid)	Guatemala		1		Calif.*
<i>Cattleya superba</i>	Venezuela	1			P. R.
<i>Epidendrum atropurpureum</i> (orchid)	Canal Zone		1		Tex.
<i>Phalaenopsis schilleriana</i> (orchid)	Philippines		1		Calif.*
<i>Phalaenopsis</i> sp.	do		2		Calif.*
<i>Gloeosporium anthurii</i> Allesch.:					
<i>Anthurium</i> sp.	Trinidad		1		N. J.
<i>Gloeosporium cattleyae</i> Sacc. & D. Sacc.:					
<i>Cattleya bowringiana</i> (orchid)	Guatemala		1		Calif.*
<i>Cattleya dowiana</i>	Costa Rica		1		Calif.*
<i>Cattleya gigas</i>	Colombia		2		Calif.*
<i>Cattleya mendeli</i>	do		1		Calif.*
<i>Cattleya mossiae</i>	Venezuela		1		Calif.*
<i>Cattleya trianae</i>	Colombia		1		Calif.*
<i>Cattleya</i> sp.	Colombia, Venezuela		4		Calif.,* Wash.
<i>Gloeosporium cyripedii</i> Verpl.:					
<i>Cypripedium</i> sp. (orchid)	England		1		Calif.*
<i>Gloeosporium dendrobii</i> Maubl.:					
<i>Dendrobium speciosum</i> (orchid)	Australia		1		Calif.*
<i>Dendrobium superbiens</i>	New Guinea		1		Calif.*
<i>Gloeosporium epidendri</i> P. Henn.:					
Orchid	St. Lucia	1			P. R.

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<i>Gloeosporium fructigenum</i> Berk.:					
<i>Malus sylvestris</i> (apple)	Union of South Africa		1		Ala.
<i>Gloeosporium laeliae</i> P. Henn.:					
<i>Laelia anceps</i> (orchid)	Guatemala			1	Calif.*
<i>Laelia autumnalis</i>	do			1	Calif.*
<i>Laelia superbiens</i>	do			1	Calif.*
<i>Gloeosporium leguminum</i> (Cke.) Sacc.:					
<i>Prosopis</i> sp. (mesquite)	Hawaii, Mexico	2	1		Ariz., Tex., Wash.
<i>Gloeosporium mangiferae</i> P. Henn.:					
<i>Mangifera indica</i> (mango)	Dominican Republic	1			P. R.
<i>Gloeosporium perennans</i> Zeller & Childs:					
<i>Malus sylvestris</i> (apple)	Mexico	1			Tex.
<i>Glomerella cincta</i> (Ston.) Spauld. & Schrenk:					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Glomerella piperata</i> (Ston.) Spauld. & Schrenk:					
<i>Capsicum frutescens</i> (pepper)	Malaysia		1		Pa.
<i>Gloniopsis levantica</i> Rehm:					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Glonium stellatum</i> Muhl.:					
<i>Barkeria spectabilis</i> (orchid)	Guatemala			1	Tex.
<i>Graphiola phoenixis</i> (Moug.) Poit.:					
<i>Calamus</i> sp. (rattan)	India		1		Mass.
Palm	Mexico		1		Tex.
<i>Helminthosporium carposaprum</i> Pollack:					
<i>Lycopersicon esculentum</i> (tomato)	do	11			Tex.
<i>Helminthosporium oryzae</i> Breda de Haan:					
<i>Oryza sativa</i> (rice)	Soldier's mail	1			Ohio.
<i>Hemileia oncidii</i> Griffon & Maub.:					
<i>Oncidium</i> sp. (orchid)	Brazil			1	N. J.
<i>Hendersonia donacis</i> Sacc. form <i>bambusina</i> Sacc.:					
Bamboo	Soldier's mail	1			Wash.
<i>Hendersonia epidendri</i> Keissl.:					
<i>Cattleya</i> sp. (orchid)	Guatemala	1			Tex.
<i>Heterosporium allii</i> Ell. & G. Martin:					
<i>Allium cepa</i> (onion)	Mexico	1			Tex.
<i>Hormodendrum cladosporioides</i> (Fres.) Sacc.:					
<i>Oryza sativa</i> (rice)	Japan	1			Nebr.
<i>Hysterostomella sabalicola</i> Tracy & Earle:					
Palm	Mexico		1		Ariz.
<i>Kuehneola malvicola</i> (Speg.) Arth.:					
<i>Althaea</i> sp.	do	1			Tex.
<i>Hibiscus syriacus</i> (shrub-althea)	do	1			Tex.
<i>Lachnum virgineum</i> (Fr.) Karst.:					
<i>Rhododendron</i> sp.	England			1	Wash.
<i>Leptosphaeria azalae</i> Hollos:					
<i>Rhododendron</i> sp.	do			1	N. J.
<i>Leptosphaeria heterospora</i> (De N.) Niessl.:					
<i>Iris</i> sp.	Italy, New Zealand			2	N. J.
<i>Leptosphaeria tritici</i> (Garov.) Pass.:					
<i>Triticum aestivum</i> (wheat)	Soldier's mail	1			N. Y.
<i>Triticum</i> sp.	Netherlands			1	Calif.*
<i>Macrophoma candollei</i> (Berk. & Br.) Berl. & Vogl.:					
<i>Buxus</i> sp.	China			1	Calif.*
<i>Macrophoma oleandri</i> Pass.:					
<i>Nerium oleander</i> (oleander)	Bermuda	1			N. Y.
<i>Macrophoma orchidicola</i> (Speg.) Sacc. & Syd. (?):					
<i>Cattleya bowringiana</i> (orchid)	Guatemala			1	Calif.*
<i>Macrophoma phaseoli</i> (Maucl.) Ashby:					
<i>Ipomoea batatas</i> (sweetpotato)	Dominican Republic, Puerto Rico.	1	1		Fla.,* N. Y.
<i>Memnoniella echinata</i> (Riv.) Gall.:					
<i>Cattleya</i> sp. (orchid)	Brazil, Venezuela			3	N. J.
<i>Zingiber officinale</i> (ginger)	China	1			Calif.*
<i>Metasphaeria abescens</i> Thuem.:					
<i>Oryza sativa</i> (rice)	do	1			Calif.*
<i>Microcera fujikuroi</i> Miy. & Saw.:					
<i>Camellia</i> sp.	Mexico		1		Tex.

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946,
inclusive—Continued

[An asterisk indicates State inspection]

Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Monilinia fructicola</i> (Wint.) Honey (?):					
<i>Prunus domestica</i> (plum).....	Mexico.....	1			Tex.
<i>Prunus persica</i> (peach).....	do.....	3			Tex.
<i>Prunus</i> sp. (cherry).....	do.....		1		Ariz.
<i>Monochaetia compta</i> (Sacc.) Allesch. var. <i>ramulicola</i> Berl. & Bres.:					
<i>Rosa</i> sp.....	Netherlands.....			1	N. J.
<i>Mycosphaerella citrullina</i> (C. O. Sm.) Gross.:					
<i>Cucurbita mazima</i> (squash).....	Argentina, Australia, Uruguay.....		3		N. Y., Pa.
<i>Cucurbita pepo</i> (pumpkin).....	Dominican Republic.....		1		N. Y.
<i>Sechium edule</i> (chayote).....	Canal Zone, Cuba, Mexico, Panama.....	1	4		Ala., N. Y., Tex.
<i>Mycosphaerella gardeniae</i> Cke.:					
<i>Gardenia augusta</i> (Cape-jasmine).....	Canal Zone.....	1			La.
<i>Mycosphaerella hondai</i> Miyake:					
<i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Mycosphaerella rhododendri</i> (Cke.) G. H. Martin:					
<i>Rhododendron</i> sp.....	Belgium, Netherlands.....		2		N. J.
<i>Myrothecium roridum</i> Fr.:					
<i>Roystonea</i> sp. (royal palm).....	Dominican Republic.....		1		P. R.
<i>Nectria cinnabarina</i> Fr.:					
<i>Acer</i> sp. (maple).....	Netherlands.....		1		N. J.
<i>Neovossia horrida</i> (Tak.) Padwick & Azmatullah Khan:					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Wash.
<i>Nigrospora oryzae</i> (Berk. & Br.) Petch:					
<i>Oryza sativa</i> (rice).....	Ecuador, soldier's mail.....	3			Fla.*
<i>Physalis</i> sp. (husk tomato).....	Mexico.....	1			Tex.
<i>Nigrospora panici</i> Zimm. (?):					
<i>Oryza sativa</i> (rice).....	Soldier's mail.....	1			Fla.*
<i>Nigrospora sphaerica</i> (Sacc.) Mason:					
<i>Oryza sativa</i> (rice).....	Japan.....	2			Calif.*
<i>Saccharum officinarum</i> (sugarcane).....	Mexico.....	1			Ariz.
<i>Sorghum vulgare</i> (sorghum) (?).....	do.....	1			Ariz.
<i>Omphalia flavida</i> (Cke.) Maubl. & Rangel:					
<i>Gardenia augusta</i> (Cape-jasmine).....	do.....	55			Tex.
<i>Oospora pustulans</i> Owen & Wakef.:					
<i>Solanum tuberosum</i> (potato).....	do.....		1		Tex.
<i>Papularia vinosa</i> (Berk. & Curt.) Mason:					
Bamboo.....	do.....	2			Ariz.
<i>Saccharum officinarum</i> (sugarcane).....	do.....	1			Tex.
<i>Peronospora effusa</i> (Grev.) Rab.:					
<i>Spinacia oleracea</i> (spinach).....	do.....	1			Tex.
<i>Pestalotia conspicua</i> Servazzi:					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....		1		Calif.*
<i>Miltonia endresii</i> (orchid).....	Costa Rica.....		1		Tex.
<i>Pestalotia macrotricha</i> Kleb.:					
<i>Rhododendron</i> sp.....	Belgium, England.....		2		N. J.
<i>Pestalotia palmarum</i> Cke.:					
Palm.....	Soldier's mail.....	1			Wash.
<i>Pestalotia psidii</i> Pat.:					
<i>Psidium</i> sp.....	Mexico.....	1			Ariz.
<i>Pestalotia rhododendri</i> (D. Sacc.) Guba:					
<i>Rhododendron</i> sp.....	England.....		1		Wash.
<i>Phoma camelliae</i> Pass.:					
<i>Camellia japonica</i> (camellia).....	Switzerland.....		1		N. Y.
<i>Phoma citricarpa</i> McAlp.:					
<i>Citrus limon</i> (lemon).....	Australia.....		6		Calif., *N. Y.
<i>Citrus sinensis</i> (orange).....	do.....		3		Calif.*
<i>Phoma glumarum</i> Ell. & Tr.:					
<i>Oryza sativa</i> (rice).....	Jamaica, Puerto Rico.....	2			Fla.*
<i>Phomopsis arecae</i> Syd. (?):					
Palm.....	Samoa.....		1		Calif.*
<i>Phomopsis capsici</i> (Magn.) Sacc.:					
<i>Capsicum frutescens</i> (pepper).....	Mexico.....		1		Tex.
<i>Phomopsis cocoes</i> Petch:					
<i>Cocos nucifera</i> (coconut).....	Ulithi.....	1			Calif.*

List of pests (diseases) collected and reported from July 1, 1945 to June 30, 1946, inclusive—Continued

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Disease and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Nonentry	Propagation	
<i>Phyllosticta erythrozyli</i> Graz.:					
<i>Erythrozylon coca</i> (cocaine-tree).....	Peru.....	1			N. Y.
<i>Phyllosticta euphorbiaecola</i> Brun.:					
<i>Euphorbia pulcherrima</i> (poinsettia).....	Mexico.....	1			Tex.
<i>Phyllosticta laeliae</i> Keissl.:					
<i>Aerides</i> sp. (orchid).....	Philippines.....			1	Calif.*
<i>Brassia gireoudiana</i> (orchid).....	Costa Rica.....			1	Calif.*
<i>Cattleya bouringiana</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Cattleya</i> sp.....	Colombia.....			2	Calif.*
<i>Cypripedium</i> sp. (orchid).....	England.....			1	Calif.*
<i>Epidendrum pentotitis</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Epidendrum</i> sp.....	Mexico.....			1	Tex.
<i>Laelia superbiens</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia</i> sp.....	do.....			1	Tex.
<i>Odontoglossum schlieperianum</i> (orchid).....	Costa Rica.....			2	Calif.*
Orchid.....	Mexico.....			1	Tex.
<i>Peristeria elata</i> (orchid).....	Canal Zone.....			1	Calif.*
<i>Phyllosticta miurai</i> Miyake:					
<i>Oryza sativa</i> (rice).....	Japan(?), Okinawa(?).....	1	1		Wash.
<i>Phyllosticta nerii</i> West.:					
<i>Nerium oleander</i> (oleander).....	Bermuda.....			1	Md.
<i>Phyllosticta solitaria</i> Ell. & Ev.:					
<i>Malus sylvestris</i> (apple).....	Mexico.....		1		Tex.
<i>Phyllosticta superficiale</i> F. L. Stevens:					
<i>Passiflora</i> sp.....	Bahamas.....	1			N. Y.
<i>Phymatotrichum omnivorum</i> (Shear) Dugg.:					
<i>Dasyllirion</i> sp. (sotol).....	Mexico.....			1	Tex.
<i>Physolepora camptospora</i> Sacc.:					
<i>Cattleya skinneri</i> (orchid).....	Guatemala.....			1	Calif.*
<i>Laelia</i> sp. (orchid).....	do.....			1	Tex.
<i>Physolepora cattleyae</i> Maub. & Lasnier:					
<i>Cattleya bouringiana</i> (orchid).....	do.....			3	Calif.*
<i>Cattleya skinneri</i>	Mexico.....			1	Tex.
Orchid.....	do.....			2	Tex.
<i>Physolepora orchidearum</i> P. Henn.:					
<i>Cymbidium</i> sp. (orchid).....	England.....			1	Calif.*
<i>Dendrobium</i> sp. (orchid).....	Dutch East Indies, South Pacific.....			2	Calif. *, Wash.
Orchid.....	Mexico.....			1	Tex.
<i>Stanhopea</i> sp. (orchid).....	Brazil.....			1	N. J.
<i>Physolepora phormii</i> Schroet.:					
<i>Phormium tenax</i> (New Zealand flaxlily).....	Australia.....			1	Calif.*
<i>Phytophthora capsici</i> Leonian:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	53			Ariz.
<i>Phytophthora phaseoli</i> Thaxt.:					
<i>Phaseolus</i> sp. (string bean).....	do.....		1		Tex.
<i>Plenodomus destruens</i> Harter:					
<i>Ipomoea batatas</i> (sweetpotato).....	do.....		1		Tex.
<i>Pleospora aculeorum</i> Berl.:					
<i>Rosa</i> sp.....	Netherlands.....			1	N. J.
<i>Pseudomonas sarastanoi</i> (E. F. Sm.) F. L. Stevens:					
<i>Olea europaea</i> (olive).....	France.....		1		Ky.
<i>Pseudoopeziza medicaginis</i> (Lib.) Sacc.:					
<i>Medicago sativa</i> (alfalfa).....	Mexico, soldier's mail.....		2		Tex., Wash.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (box).....	France.....			1	N. Y.
<i>Puccinia canaliculata</i> (Schw.) Lagh.:					
<i>Cyperus subnodosus</i>	Mexico.....				Tex.
<i>Puccinia chloridis</i> (Speg.) Kuntze:					
<i>Chloris virgata</i> (feather fingergrass).....	do.....		1		Ariz.
<i>Puccinia glumarum</i> (Schmidt) Eriks. & P. Henn.:					
<i>Triticum aestivum</i> (wheat).....	Japan.....		1		Mo.
<i>Puccinia rubigo-vera tritici</i> (Eriks. & P. Henn.) Carl.:					
<i>Triticum aestivum</i> (wheat).....	Mediterranean Area.....		1		Oreg. Calif.*
<i>Triticum</i> sp.....	Netherlands.....			1	
<i>Pucciniopsis caricae</i> (Speg.) Seaver:					
<i>Carica papaya</i> (papaya).....	Cuba.....		1		N. Y.

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<i>Pyrenochaeta oryzae</i> Shirai:					
<i>Oryza sativa</i> (rice).....	Okinawa (?)		1		Wash.
<i>Pythium ultimum</i> Trow:					
<i>Cattleya</i> sp. (orchid).....	Belgium			1	N. J.
<i>Ramularia primulae</i> Thuem.:					
<i>Primula</i> sp. (primrose).....	British Columbia			2	Wash.
<i>Schizophyllum commune</i> Fr.:					
Wood.....	Philippines			1	Calif.*
<i>Sclerotiopsis concava</i> (Desm.) Shear & Dodge:					
<i>Rosa</i> sp.....	Netherlands			1	N. J.
<i>Sclerotium rolfsii</i> Sacc.:					
<i>Cattleya boweringiana</i> (orchid).....	Guatemala			1	Calif.*
<i>Cattleya</i> sp.....	Brazil, Colombia			2	N. J.
<i>Septoria aciculosa</i> Ell. & Ev.:					
<i>Fragaria</i> sp. (strawberry).....	Canada			1	N. J.
<i>Septoria azaleae</i> Vogl.:					
<i>Rhododendron</i> sp.....	Belgium			1	N. J.
<i>Septoria citri</i> Pass.:					
<i>Citrus limon</i> (lemon).....	Argentina, Spain		2		Mass., Tex.
<i>Septoria depressa</i> McAlp.:					
<i>Citrus sinensis</i> (orange).....	Australia		1		Wash.
<i>Septoria lycopersici</i> Speg.:					
<i>Lycopersicon esculentum</i> (tomato).....	Mexico	1			Tex.
<i>Septoria macrospora</i> Dearn.:					
<i>Chrysanthemum maximum</i> (Pyrenees chrysanthemum).....	do	1			Tex.
<i>Chrysanthemum</i> sp.....	Canada			1	Wash.
<i>Septoria orchidearum</i> West.:					
Orchid.....	Mexico			1	Tex.
<i>Septoria pyricola</i> Desm.:					
<i>Pyrus communis</i> (pear).....	Portugal		1		Pa.
<i>Septoria ribis</i> Desm.:					
<i>Ribes</i> sp. (black currant).....	Newfoundland	1			N. Y.
<i>Sphaceloma fawcettii</i> scabiosa Jenkins:					
<i>Citrus limon</i> (lemon).....	Australia		4		Calif.,* N. Y.
<i>Sphaerodothis pringlei</i> (Pk.) Th. & Syd.:					
<i>Yucca</i> sp.....	Mexico			1	N. J.
<i>Sporonema oycocci</i> Shear:					
<i>Gentiana acaulis gigantea</i>	British Columbia			1	N. J.
<i>Stachylidium theobromae</i> Turc.:					
<i>Musa paradisiaca</i> (plantain).....	Cuba	3			N. Y.
<i>Musa paradisiaca sapientum</i> (banana).....	Dominican Republic, Mexico	2			Calif.,* N. Y.
<i>Stagonospora gigantea</i> Heald & Wolf:					
<i>Agave</i> sp.....	Mexico			1	Tex.
<i>Stemphylium botryosum</i> Wallr.:					
<i>Allium porrum</i> (leek).....	Scotland		1		N. Y.
<i>Thecaphora solani</i> Barrus:					
<i>Solanum stoloniferum</i> (potato).....	Mexico	1			Tex.
<i>Tilletia foetida</i> (Wallr.) Liro:					
<i>Triticum aestivum</i> (wheat).....	Ethiopia			1	D. C.
<i>Trichoderma viride</i> Fr.:					
<i>Oncidium wentworthianum</i> (orchid).....	Guatemala			1	Calif.*
<i>Trochila ilicis</i> (Chev.) Crouan:					
<i>Ilex</i> sp. (holly).....	British Columbia	1			Wash.
<i>Tubercularia vulgaris</i> Tode:					
<i>Acer</i> sp. (maple).....	Netherlands			1	N. J.
<i>Uredo anthurii</i> (Harlot) Sacc.:					
<i>Anthurium</i> sp.....	Guatemala	1		1	Calif.,* Tex.
<i>Uredo guacae</i> Mayor:					
<i>Zygopetalum burtti</i> (orchid).....	Costa Rica			2	Tex.
<i>Uredo oncidii</i> F. Henn.:					
<i>Oncidium lanceanum</i> (orchid).....	Brazil			1	N. J.
<i>Ustilago bullata</i> Berk.:					
<i>Bromus catharticus</i>	Uruguay			1	D. C.
<i>Ustilago hordei</i> (Pers.) Lagh.:					
<i>Hordeum vulgare</i> (barley).....	Ethiopia, France, soldier's mail.	2		1	D. C., Ohio.

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<i>Ustilago tritici</i> (Pers.) Rostr. <i>Triticum aestivum</i> (wheat)-----	France, Peru-----	2	---	---	P. R., Tex.
<i>Valsa chlorina</i> Pat.: <i>Cocos nucifera</i> (coconut)-----	Guam-----	1	---	---	Hawaii.*
<i>Venturia pyrina</i> Aderh.: <i>Pyrus communis</i> (pear)-----	England, Mexico-----	1	1	---	Calif., * Tex.
<i>Vermicularia dematium</i> Fr.: <i>Anthurium</i> sp.-----	Guatemala-----	---	---	1	Calif.*
<i>Vermicularia herbarum</i> West. var. <i>dianthi</i> West. <i>Dianthus</i> sp. (carnation).-----	Ecuador-----	---	---	1	D. C.
<i>Xanthomonas citri</i> (Hasse) Doidge: <i>Citrus aurantifolia</i> (sour lime)-----	Ceylon, India, Kenya, Philippines.-----	---	7	---	Mass., N.Y., Wash.
<i>Citrus paradisi</i> (grapefruit)-----	Ceylon, India-----	---	7	---	Calif.* N.Y. S. C.
<i>Citrus sinensis</i> (orange)-----	India-----	1	1	---	Mass., S. C.

Hosts and diseases

ACER:

- Discosia artocreas* (Deuteromycetes)
- Nectria cinnabarina* (Ascomycetes)
- Tubercularia vulgaris* (Deuteromycetes)

AERIDES. See Orchidaceae

AGAVE:

- Stagonospora gigantea* (Deuteromycetes)

ALLIUM CEPA:

- Alternaria tenuis* (Deuteromycetes)
- Botrytis byssocidea* (Deuteromycetes)
- Botrytis squamosa* (Deuteromycetes)
- Fusarium oxysporum* (Deuteromycetes)
- Heterosporium allii* (Deuteromycetes)

ALLIUM PORRUM:

- Sternophyllum botryosum* (Deuteromycetes)

ALLIUM SATIVUM:

- Aspergillus phaeocephalus* (Deuteromycetes)
- Ditylenchus dipsaci*

ALTHAEA:

- Cercospora althaeina* (Deuteromycetes)
- Kuehneola malvicola* (Promycetes)

ANTHURIUM:

- Gloeosporium anthurii* (Deuteromycetes)
- Uredo anthurii* (Promycetes)
- Vermicularia dematium* (Deuteromycetes)

APIUM:

- Cercospora apii* (Deuteromycetes)

ARMERIA:

- Cercospora insulana* (Deuteromycetes)

ARUNDINARIA:

- Cercospora scolecotrichoides* (Deuteromycetes)

BAMBOO:

- Anthostomella grandispora* (Ascomycetes)
- Chlamydomyces palmarum* (Deuteromycetes)
- Coniosporium sphaerosperrum* (Deuteromycetes)
- Diplodia theobromae* (Deuteromycetes)
- Eriosporina tritici* (Deuteromycetes)
- Hendersonia donacis* form *bambusina* (Deuteromycetes)
- Papularia vinosa* (Deuteromycetes)

BARKERIA:

- Glomus stellatum* (Ascomycetes)

BRASSIA. See Orchidaceae

BRASSICA OLERACEA CAPITATA:

- Alternaria circinans* (Deuteromycetes)

BRASSICA RAPA:

- Alternaria circinans* (Deuteromycetes)

BROMUS:

- Ustilago bullata* (Promycetes)

BUXUS:

- Macrophoma candollei* (Deuteromycetes)
- Puccinia buxi* (Promycetes)

CACTACEAE:

- Ecosporium cactivorum* (Deuteromycetes)

CAJANUS:

- Colletotrichum cajani* (Deuteromycetes)

CALAMUS:

- Graphiola phoenicis* (Promycetes)

CAMELLIA:

- Microcera fujikuroi* (Deuteromycetes)
- Phoma camelliae* (Deuteromycetes)

CAMPANULA:

- Coleosporium campanulae* (Promycetes)

CAPSICUM:

- Alternaria tenuis* (Deuteromycetes)
- Colletotrichum nigrum* (Deuteromycetes)
- Glomerella piperata* (Ascomycetes)
- Phomopsis capsici* (Deuteromycetes)

CARICA:

- Pucciniopsis caricae* (Deuteromycetes)

CARYA:

- Cladosporium effusum* (Deuteromycetes)

CATTLEYA. See Orchidaceae

CHLORIS:

- Puccinia chloridis* (Promycetes)

CHRYSANthemUM:

- Cercospora chrysanthemi* (Deuteromycetes)
- Septoria macrospora* (Deuteromycetes)

CITRUS AURANTIFOLIA:

- Elsinoe australis* (Ascomycetes)
- Xanthomonas citri* (Schizomycetes)

CITRUS LIMON:

- Elsinoe australis* (Ascomycetes)
- Phoma citricarpa* (Deuteromycetes)
- Septoria citri* (Deuteromycetes)
- Sphaceloma fawcettii scabiosa* (Deuteromycetes)

CITRUS PARADISI:

- Xanthomonas citri* (Schizomycetes)

CITRUS SINENSIS:

- Alternaria citri* (Deuteromycetes)
- Elsinoe australis* (Ascomycetes)
- Phoma citricarpa* (Deuteromycetes)
- Septoria depressa* (Deuteromycetes)
- Xanthomonas citri* (Schizomycetes)

Hosts and diseases—Continued

- CITRUS SP.:**
Alternaria citri (Deuteromycetes)
- COCOS:**
Cytospora palmarum (Deuteromycetes)
Diplodia coccoarpa (Deuteromycetes)
Diplodia theobromae (Deuteromycetes)
Phomopsis coccos (Deuteromycetes)
Valsa chlorina (Ascomycetes)
- COFFEA:**
Cercospora coffeicola (Deuteromycetes)
Cercospora herrerana (Deuteromycetes)
- CORDIA:**
Cercospora cordiae (Deuteromycetes)
- CUCUMIS MELO:**
Alternaria nigrescens (Deuteromycetes)
Alternaria tenuis (Deuteromycetes)
Macrosporium cucumerinum (Deuteromycetes)
- CUCUMIS SATIVUS:**
Cercospora cucurbiticola (Deuteromycetes)
- CUCURBITA MAXIMA:**
Bacillus melonis (Schizomycetes)
Mycosphaerella citrullina (Ascomycetes)
- CUCURBITA PEPO:**
Mycosphaerella citrullina (Ascomycetes)
- CYDONIA:**
Fabraea maculata (Ascomycetes)
- CYMBIDIUM**—See Orchidaceae
- CYPERUS:**
Puccinia canaliculata (Promycetes)
- CYPRIPEDIUM**—See Orchidaceae
- DASYLIRION:**
Phymatotrichum omnivorum (Deuteromycetes)
- DENDROBIUM**—See Orchidaceae
- DIANTHUS:**
Alternaria dianthi (Deuteromycetes)
Vermicularia herbarum var. *dianthi* (Deuteromycetes)
- ELEOCHARIS:**
Endoconidiophora adiposa (Ascomycetes)
- EPIDENDRUM**—See Orchidaceae
- ERYTHROXYLON:**
Phyllosticta erythroxylis (Deuteromycetes)
- EUPHORBIA:**
Phyllosticta euphorbiaecola (Deuteromycetes)
- FRAGARIA:**
Septoria aciculosa (Deuteromycetes)
- FRAXINUS:**
Cercospora fraxinites (Deuteromycetes)
- GALANTHUS:**
Botrytis galanthina (Deuteromycetes)
- GARDENIA:**
Mycosphaerella gardeniae (Ascomycetes)
Omphalia flavida (Basidiomycetes)
- GENTIANA:**
Sporonema corymbosi (Deuteromycetes)
- GLADIOLUS:**
Botrytis gladioli (Deuteromycetes)
Fusarium oxysporum (Deuteromycetes)
- GYPHOPHILA:**
Alternaria dianthi (Deuteromycetes)
- HIBISCUS:**
Cercospora althaeina (Deuteromycetes)
Chaetomium bostrychodes (Ascomycetes)
Kuehneola malvicola (Promycetes)
- HORDEUM:**
Ustilago hordei (Promycetes)
- ILEX:**
Trochila ilicis (Ascomycetes)
- IPOMOEA:**
Diplodia theobromae (Deuteromycetes)
Diplodia tubericola (Deuteromycetes)
Fusarium oxysporum (Deuteromycetes)
Macrophomina phaseoli (Deuteromycetes)
Plenodomus destruens (Deuteromycetes)
- IRIS:**
Ditylenchus iridis
Leptosphaeria heterospora (Ascomycetes)
- LACTUCA:**
Cercospora longissima (Deuteromycetes)
- LAELIA**—See Orchidaceae
- LILIUM:**
Botrytis elliptica (Deuteromycetes)
Colletotrichum lilii (Deuteromycetes)
- LIPPIA:**
Aecidium evansii (Promycetes)
- LYCOPERSICON:**
Bacillus aroides (?) (Schizomycetes)
Colletotrichum nigrum (Deuteromycetes)
Didymella lycopersici (Ascomycetes)
Helminthosporium carposaprum (Deuteromycetes)
Phytophthora capsici (Phycomycetes)
Septoria lycopersici (Deuteromycetes)
- MAGNOLIA:**
Ascochyta magnoliae (Deuteromycetes)
- MAHONIA:**
Cumminsia sanguinea (Promycetes)
- MALUS:**
Coniothyrium fuckelii (Deuteromycetes)
Cytospora leucostoma (Deuteromycetes)
Elsinoe piri (Ascomycetes)
Gloeosporium fructigenum (Deuteromycetes)
Gloeosporium perennans (Deuteromycetes)
Phyllosticta solitaria (Deuteromycetes)
- MANGIFERA:**
Cercospora mangiferae (Deuteromycetes)
Gloeosporium mangiferae (Deuteromycetes)
- MANIHOT:**
Cladosporium cucumerinum (Deuteromycetes)
Diplodia tubericola (Deuteromycetes)
- MEDICAGO:**
Ascochyta imperfecta (Deuteromycetes)
Pseudopeziza medicaginis (Ascomycetes)
- MILTONIA**—See Orchidaceae
- MUSA PARADISIACA:**
Cercospora musae (Deuteromycetes)
Stachylium theobromae (Deuteromycetes)
- MUSA PARADISIACA SAPIENTUM:**
Cercospora musae (Deuteromycetes)
Stachylium theobromae (Deuteromycetes)
- NARCISSEUS:**
Aphelenchoides subtennis (Nematoda)
Ditylenchus dipsaci (Nematoda)
Fusarium bulbigenum (Deuteromycetes)
- NERIUM:**
Cercospora neriella (Deuteromycetes)
Macrophoma oleandri (Deuteromycetes)
Phyllosticta nerii (Deuteromycetes)
- ODONTOGLOSSUM**—See Orchidaceae
- OLEA:**
Pseudomonas savastanoi (Schizomycetes)
- ONCIDIUM**—See Orchidaceae
- ORCHIDACEAE:**
Cercospora angraci (Deuteromycetes)
Colletotrichum lujae (?) (Deuteromycetes)
Colletotrichum orchidearum form *odontoglossi* (Deuteromycetes)
Colletotrichum stanhopeae (Deuteromycetes)
Diplodia henriquesiana (Deuteromycetes)
Gloeosporium affine (Deuteromycetes)
Gloeosporium cattleyae (Deuteromycetes)
Gloeosporium cypridii (Deuteromycetes)
Gloeosporium dendrobii (Deuteromycetes)
Gloeosporium epidendri (Deuteromycetes)
Gloeosporium laeliae (Deuteromycetes)
Hemileia ocellidii (Promycetes)
Hendersonia epidendri (Deuteromycetes)
Macrophoma orchidicola (Deuteromycetes)
Memoniella echinata (Deuteromycetes)
Pestalotia conspicua (Deuteromycetes)
Phyllosticta laeliae (Deuteromycetes)
Physalospora camptospora (Ascomycetes)
Physalospora cattleyae (Ascomycetes)
Physalospora orchidearum (Ascomycetes)
Pythium ultimum (Phycomycetes)
Sclerotium rolfsii (Deuteromycetes)
Septoria orchidearum (Deuteromycetes)
Trichoderma viride (Deuteromycetes)
Uredo guacae (Promycetes)
Uredo oncidii (Promycetes)
- ORYZA:**
Epidochium oryzae (Deuteromycetes)
Helminthosporium oryzae (Deuteromycetes)
Hormodendrum cladosporioides (Deuteromycetes)
Metasphaeria albenscens (Ascomycetes)
Mycosphaerella hondai (Ascomycetes)
Neovossia horrida (Promycetes)
Nigrospora oryzae (Deuteromycetes)
Nigrospora panici (?) (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Phoma glumarum (Deuteromycetes)

Hosts and diseases—Continued

ORYZA—Continued

- Phyllosticta miurai* (Deuteromycetes)
Pyrenochaeta oryzae (Deuteromycetes)

PAEONIA:

- Botrytis paeoniae* (Deuteromycetes)

PANICUM:

- Didymosphaeria graminicola* (Ascomycetes)

PASPALUM:

- Claviceps paspali* (Ascomycetes)
Fusarium heterosporum (Deuteromycetes)

PASSIFLORA:

- Phyllosticta superficiale* (Deuteromycetes)

PERISTERIA—See Orchidaceae

PERSEA:

- Botryosphaeria ribis* var. *chromogena* (Ascomycetes)

PETROSELINUM:

- Fusicladium depressum* var. *petroselini* (Deuteromycetes)

PHALAENOPSIS—See Orchidaceae

PHASEOLUS LIMENSIS:

- Colletotrichum truncatum* (Deuteromycetes)
Elsinoe phaseoli (Ascomycetes)

PHASEOLUS SP. (string bean):

- Phytophthora phaseoli* (Phycomycetes)

PHORMIUM:

- Physalospora phormii* (Ascomycetes)

PHYSALIS:

- Ascochyta lycopersici* (Deuteromycetes)
Cercospora physalidis (Deuteromycetes)
Nigrospora oryzae (Deuteromycetes)

PISUM:

- Ascochyta pisi* (Deuteromycetes)
Colletotrichum truncatum (Deuteromycetes)

PRIMULA:

- Cercospora primulae* (Deuteromycetes)
Ramularia primulae (Deuteromycetes)

PROSOPIS:

- Gloeosporium leguminum* (Deuteromycetes)

PRUNUS DOMESTICA:

- Monilia fructicola* (?) (Ascomycetes)

PRUNUS PERSICA:

- Monilia fructicola* (?) (Ascomycetes)

PRUNUS SP. (cherry):

- Monilia fructicola* (?) (Ascomycetes)

PSIDIUM:

- Cercospora psidii* (Deuteromycetes)
Pestalotia psidii (Deuteromycetes)

PUNICA:

- Cercospora lythracearum* (Deuteromycetes)

PYRUS:

- Septoria pyricola* (Deuteromycetes)
Venturia pyrina (Ascomycetes)

QUERCUS:

- Actinopelte dryina* (Deuteromycetes)

RHODODENDRON:

- Briosa azaleae* (Deuteromycetes)
Cercospora handelii (Deuteromycetes)
Cytospora subclypeata (?) (Deuteromycetes)
Diplodina euhodendri (Deuteromycetes)
Glomerella cincta (Ascomycetes)
Gloniopsis levantica (Ascomycetes)
Lachnum virgineum (Ascomycetes)

RHODODENDRON—Continued

- Leptosphaeria azaleae* (Ascomycetes)
Mycosphaerella rhododendri (Ascomycetes)
Pestalotia macrotricha (Deuteromycetes)
Pestalotia rhododendri (Deuteromycetes)
Septoria azaleae (Deuteromycetes)

RIBES:

- Septoria ribis* (Deuteromycetes)

ROSA:

- Diplocarpon rosae* (Ascomycetes)
Discosia artocreas (Deuteromycetes)
Monochaetia compta var. *ramulicola* (Deuteromycetes)
Pleospora aculeorum (Ascomycetes)
Sclerotopsis concava (Deuteromycetes)

ROYSTONEA:

- Myrothecium roridum* (Deuteromycetes)

SACCHARUM:

- Cercospora vaginiae* (Deuteromycetes)
Colletotrichum lineola (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)
Papularia vinosa (Deuteromycetes)

SALIX:

- Cytospora ambiens* (Deuteromycetes)

SECALE:

- Claviceps purpurea* (Ascomycetes)

SECHIUM:

- Mycosphaerella citrullina* (Ascomycetes)

SOLANUM:

- Bacterium solanacearum* (Schizomycetes)
Ditylenchus destructor (Nematoda)
Fusarium trichothecioides (Deuteromycetes)
Oospora pustulans (Deuteromycetes)
Thecaphora solani (Promycetes)

SORGHUM VULGARE:

- Cercospora sorghi* (Deuteromycetes)
Nigrospora sphaerica (Deuteromycetes)

SORGHUM VULGARE TECHNICUM:

- Colletotrichum graminicolum* (Deuteromycetes)

SPINACIA:

- Peronospora effusa* (Phycomycetes)

STANTHOPEA—See Orchidaceae

TIGRIDIA:

- Ditylenchus dipsaci* (Nematoda)

TRIFOLIUM:

- Cymadothea trifolii* (Ascomycetes)

TRITICUM:

- Leptosphaeria tritici* (Ascomycetes)
Puccinia glumarum (Promycetes)
Puccinia rubigo-vera tritici (Promycetes)
Tilletia foetida (Promycetes)
Ustilago tritici (Promycetes)

TULIPAE:

- Botrytis tulipae* (Deuteromycetes)

ULMUS:

- Ceratostomella ulmi* (Ascomycetes)

YUCCA:

- Sphaerodothis pringlei* (Ascomycetes)

ZINGIBER:

- Gliomastix convoluta* (Deuteromycetes)
Memnoniella echinata (Deuteromycetes)

Hosts unknown

PALM:

- Catacauma palmicola* (Ascomycetes)
Graphiola phoenicis (Promycetes)
Hysterostomella sabalicola (Ascomycetes)
Pestalotia palmarum (Deuteromycetes)

PALM—Continued

- Phomopsis arecae* (?) (Deuteromycetes)
 WOOD:
Schizophyllum commune (Basidiomycetes)

Countries of origin and diseases

AMERICAN VIRGIN ISLANDS:

- Cladosporium cucumerinum* (?)

ARGENTINA:

- Aspergillus phaeocephalus*
Elsinoe australis
Mycosphaerella citrullina
Septoria citri

AUSTRALIA:

- Claviceps paspali*
Fusarium heterosporum
Gloeosporium dendrobii
Mycosphaerella citrullina

AUSTRALIA—Continued

- Phoma citricarpa*
Physalospora phormii
Septoria depressa
Sphaelomela fawcettii scabiosa

AZORES:

- Fusicladium depressum* var. *petroselini*

BAHAMAS:

- Phyllosticta superficiale*

BELGIUM:

- Cercospora angraci*
Cercospora handelii

Countries of origin and diseases—Continued

BELGIUM—Continued

Cytospora ambiens
Mycosphaerella rhododendri
Pestalotia macrotricha
Pythium ultimum
Septoria azaleae

BERMUDA:

Macrophoma oleandri
Phyllosticta nerii

BRAZIL:

Elsinoe australis
Hemileia oenidii
Memnoniella echinata
Physalospora orchidearum
Sclerotium rolfsii
Uredo oenidii

BRITISH COLUMBIA:

Cercospora primulae
Cumminsia sanguinea
Ramularia primulae
Sporonema oxyzocci
Trochila ilicis

CANADA:

Ascochyta magnoliae
Cytospora leucostoma
Diplodina euhododendri
Fusarium oxysporum
Septoria aciculosa
Septoria macrospora

CANAL ZONE:

Gloeosporium affine
Mycosphaerella citrullina
Mycosphaerella gardeniae
Phyllosticta laeliae

CEYLON:

Xanthomonas citri

CHILE:

Alternaria cucumerina
Alternaria nigrescens
Alternaria tenuis

CHINA:

Cercospora scolecotrichoides
Gliomastix convoluta
Macrophoma candollei
Memnoniella echinata
Metasphaeria abscens

COLOMBIA:

Anthostomella grandispora
Gloeosporium cattleyae
Phyllosticta laeliae
Sclerotium rolfsii

COSTA RICA:

Cercospora musae
Colletotrichum lujae (?)
Diplodia henriquesiana
Fabraea maculata
Gloeosporium cattleyae
Pestalotia conspicua
Phyllosticta laeliae
Uredo guacae

CUBA:

Cercospora apti
Cercospora longissima
Mycosphaerella citrullina
Pucciniopsis caricae
Stachylium theobromae

DOMINICAN REPUBLIC:

Bacillus aroidea (?)
Cercospora musae
Colletotrichum cajani
Gloeosporium mangiferae
Macrophomina phaseoli
Mycosphaerella citrullina
Myrothecium roridum
Stachylium theobromae

DUTCH EAST INDIES:

Physalospora orchidearum

ECUADOR:

Nigrospora oryzae
Vermicularia herbarum var. *dianthi*

ENGLAND:

Alternaria circinans
Ascochyta pisi
Botrytis galanthina
Eristia azaleae
Ceratostomella ulmi

ENGLAND—Continued

Cercospora angreci
Cytospora ambiens
Cytospora subclypeata (?)
Ditylenchus dipsaci
Fusarium bulbigenum
Gloeosporium cyripedii
Glomerella cincta
Glomopsis levantica
Lachnum virgineum
Leptosphaeria azalea
Pestalotia macrotricha
Pestalotia rhododendri
Phyllosticta laeliae
Physalospora orchidearum
Venturia pyrina

ETHIOPIA:

Tilletia foetida
Ustilago hordei

EUROPE:

Discosia artocreas

FRANCE:

Cercospora primulae
Pseudomonas savastanoi
Puccinia buxi
Ustilago hordei
Ustilago tritici

GERMANY:

Botrytis tulipae

GUADELOUPE:

Catacauma palmicola

GUAM:

Valsa chlorina

GUATEMALA:

Cercospora insulana
Cercospora musae
Colletotrichum orchidearum form *odontoglossi*
Colletotrichum stanhopeae
Gloeosporium affine
Gloeosporium cattleyae
Gloeosporium laeliae
Glomium stellatum
Hendersonia epidendri
Macrophoma orchidicola (?)
Pestalotia conspicua
Phyllosticta laeliae
Physalospora campiospora
Physalospora cattleyae
Sclerotium rolfsii
Trichoderma viride
Uredo anthurii
Vermicularia dematium

HAWAII:

Diplodia theobromae
Gloeosporium leguminum

HONDURAS:

Diplodia tubericola

INDIA:

Epidochium oryzae
Graphiola phoenicis
Xanthomonas citri

ITALY:

Leptosphaeria heterospora

JAMAICA:

Phoma glumarum

JAPAN:

Coniothyrium fuckelii
Horomodendrum cladosporioides
Mycosphaerella hondai
Nigrospora sphaerica
Phyllosticta miurai
Puccinia glumarum

KENYA COLONY:

Xanthomonas citri

LUXEMBURG:

Aphelenchoides subtenuis

MALAYSIA:

Glomerella piperata

MARSHALL ISLANDS:

Diplodia coccoarpa var. *malaccensis*

MARTINIQUE:

Cercospora musae

MEXICO:

Actinopelte dryina
Aecidium evansii
Alternaria circinans

Countries of origin and diseases—Continued

MEXICO—Continued

Alternaria citri
Alternaria dianthi
Alternaria tenuis
Ascochyta imperfecta
Ascochyta lycopersici
Ascochyta pisi
Bacillus melonis
Bacterium solanacearum
Botryosphaeria ribis var. *chromogena*
Botrytis byssoides
Botrytis elliptica
Botrytis squamosa
Cercospora althaeina
Cercospora chrysanthemi
Cercospora coffeicola
Cercospora cordiae
Cercospora fraxinites
Cercospora herrerana
Cercospora insulana
Cercospora lythracearum
Cercospora mangiferae
Cercospora musae
Cercospora nerilla
Cercospora physalidis
Cercospora psidii
Cercospora sorghi
Cercospora vaginiae
Chlamydomyces palmarum
Cladosporium effusum
Colletotrichum graminicolum
Colletotrichum lili
Colletotrichum lineola
Colletotrichum nigrum
Colletotrichum truncatum
Didymella lycopersici
Diplodia theobromae
Ditylenchus dipsaci
Erysiporium cactiorum
Fusarium oxysporum
Fusarium trichothecoides
Gloeosporium leguminum
Gloeosporium perennans
Graphiola phoenicis
Helminthosporium carposaprum
Heterosporium allii
Hysterostomella sabalicola
Kuehneola malvicola
Microcera fujikuroi
Monilinia fructicola (?)
Mycosphaerella citrullina
Nigrospora oryzae
Nigrospora sphaerica
Omphalia flavida
Oospora pustulans
Papularia vinosa
Peronospora effusa
Pestalotia psidii
Phomopsis capsici
Phyllosticta euphorbiaecola
Phyllosticta laeliae
Phyllosticta solitaria
Phymatotrichum omnivorum
Physalospora cattleiae
Physalospora orchidearum
Phytophthora capsici
Phytophthora phaseoli
Plenodomus destruens
Pseudopeziza medicaginis
Puccinia canaliculata
Puccinia chloridis
Septoria lycopersici
Septoria macrospora
Septoria orchidearum
Sphaerodothis pringlei
Stachyidium theobromae
Stagonospora gigantea
Thecaphora solani
Venturia pyrina

NETHERLANDS:

Alternaria circinans
Aphelenchoides subterraneus
Botrytis gladioli
Botrytis paeoniae
Cercospora handelii
Coleosporium campanulae

NETHERLANDS—Continued

Discoaria artocreas
Ditylenchus iridis
Fusarium bulbigenum
Leptosphaeria tritici
Monochaetia compta var. *ramulicola*
Mycosphaerella rhododendri
Nectria cinnabarina
Pleospora aculeorum
Puccinia rubigo-vera tritici
Sclerotopsis concava
Tubercularia vulgaris

NEWFOUNDLAND:

Septoria ribis

NEW GUINEA:

Didymosphaeria graminicola
Gloeosporium denrobii

NEW HEBRIDES:

Cytospora palmarum

NEW ZEALAND:

Claviceps purpurea
Leptosphaeria heterospora

OKINAWA (?):

Phyllosticta miurai
Pyrenochaeta oryzae

PANAMA:

Cercospora cucurbiticola
Cercospora musae
Colletotrichum nigrum
Mycosphaerella citrullina

PARAGUAY:

Claviceps paspali

PERU:

Phyllosticta erythroxyl
Ustilago tritici

PHILIPPINES:

Diplodia theobromae
Gloeosporium affine
Phyllosticta laeliae
Schizophrillum commune
Xanthomonas citri

PORTUGAL:

Ascochyta pisi
Septoria pyricola

PUERTO RICO:

Cercospora musae
Colletotrichum cajani
Colletotrichum truncatum
Elsinoe phaseoli
Macrophomina phaseoli
Phoma glumarum

ST. LUCIA:

Gloeosporium epidendri

SAMOA:

Phomopsis arecae (?)

SCOTLAND:

Stemphylium botryosum

SOUTH PACIFIC:

Chaetomium bostrychodes
Physalospora orchidearum

SPAIN:

Elsinoe piri
Septoria citri

SWEDEN:

Ditylenchus destructor

SWITZERLAND:

Phoma camelliae

TRINIDAD:

Gloeosporium anthurii

ULITHI:

Phomopsis cocoes

UNION OF SOUTH AFRICA:

Gloeosporium fructigenum

UNKNOWN:

Alternaria citri
Coniosporium sphaerospermum
Cymadothea trifolii
Eriosporina tritici
Helminthosporium oryzae
Hendersonia donacis form *bambusina*
Leptosphaeria tritici
Neovossia horrida
Nigrospora oryzae
Nigrospora panici (?)
Pestalotia palmarum
Pseudopeziza medicaginis

Countries of origin and diseases—Continued

UNKNOWN—Continued

*Puccinia rubigo-vera tritici**Ustilago hordei*

URUGUAY:

*Ascochyta pisi**Elsinoe australis**Mycosphaerella citrullina**Ustilago bullata*

VENEZUELA:

*Diplocarpon rosae**Diplodia tubericola**Gloeosporium affine**Gloeosporium cattleyae**Memnoniella echinata*

VIRGIN ISLANDS:

Elsinoe phaseoli